

NEWFIELD



October 7, 2005

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: West Point Federal 7-18-9-16, Federal 9-18-9-16, 10-18-9-16, and 16-18-9-16.

✓
Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 16-18-9-16 location is also an Exception Location. Our Land Department will send you the required Exception Location Letter. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED

OCT 11 2005

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.
UTU-64379
6. If Indian, Allottee or Tribe Name
N/A
7. If Unit or CA Agreement, Name and No.
N/A
8. Lease Name and Well No.
Federal 16-18-9-16
9. API Well No.

43-013-32922

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone

2. Name of Operator
Newfield Production Company

3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721
--------------------------------------------------	-----------------------------------------------------

4. Location of Well (Report location clearly and in accordance with any State requirements.)*
At surface SE/SE 964' FSL 297' FEL 572278X 40.026367
At proposed prod. zone 4430817Y -110.152957

14. Distance in miles and direction from nearest town or post office*
Approximatley 13.5 miles southwest of Myton, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 297' f/lse, NA' f/unit	16. No. of Acres in lease 1626.36
------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1263'	19. Proposed Depth 6080'
--------------------------------------------------------------------------------------------------------------------------	-----------------------------

21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6111' GL	22. Approximate date work will start* 2nd Quarter 2006
-----------------------------------------------------------------	-----------------------------------------------------------

17. Spacing Unit dedicated to this well
40 Acres

20. BLM/BIA Bond No. on file
UT0056

23. Estimated duration
Approximately seven (7) days from spud to rig release.
24. Attachments
- The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:
- Well plat certified by a registered surveyor.
 - A Drilling Plan.
 - A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
 - Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
 - Operator certification.
 - Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 10/7/05
-------------------	----------------------------------------	-----------------

Title Regulatory Specialist	Name (Printed/Typed) BRADLEY G. HILL	Date 11-16-05
Approved by (Signature) 	Title ENVIRONMENTAL SCIENTIST III	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this
Action is Necessary

RECEIVED

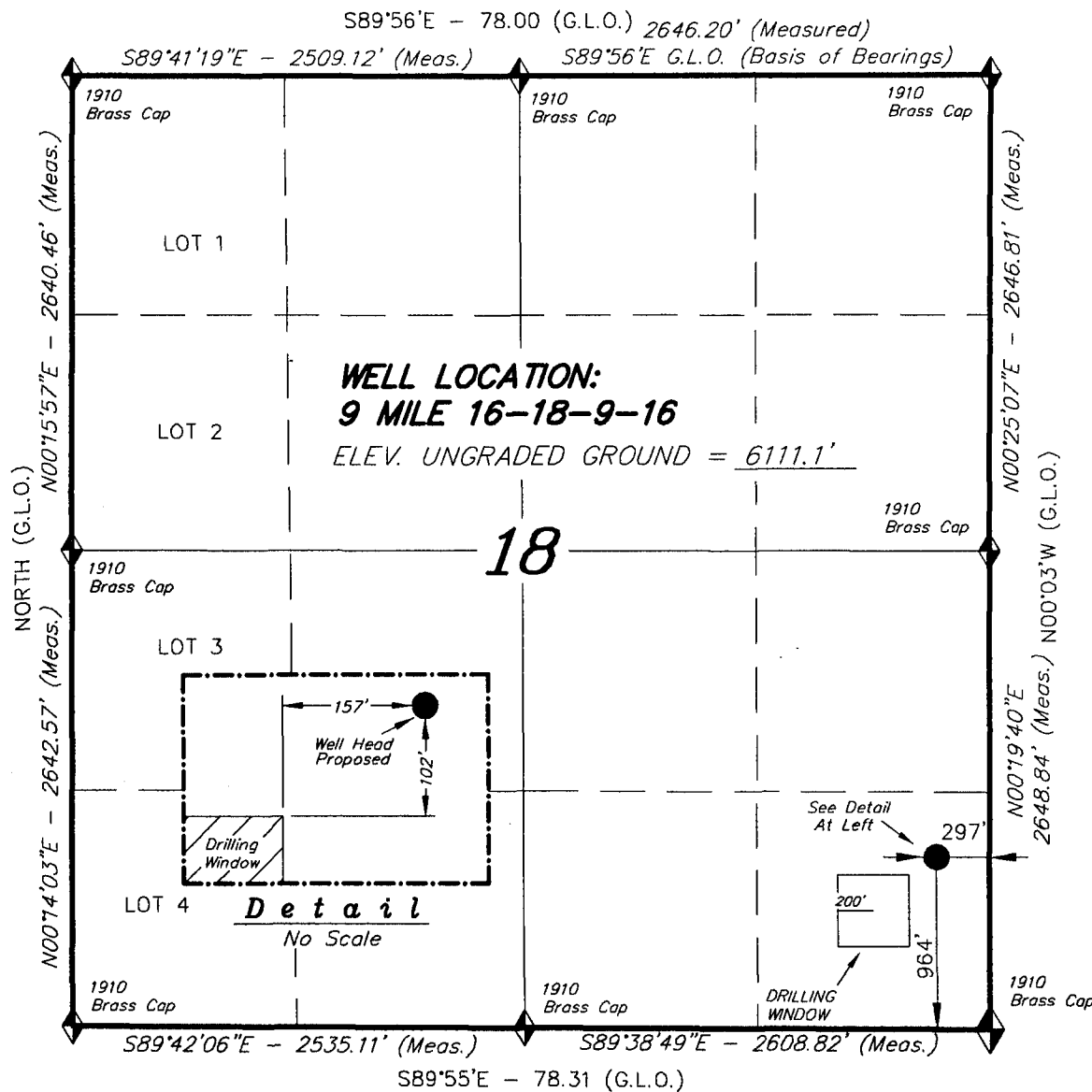
OCT 11 2005

DIV OF OIL, GAS & MINING

T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 16-18-9-16,
LOCATED AS SHOWN IN THE SE 1/4 SE
1/4 OF SECTION 18, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION NO. 10237
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: C.M.

DATE: 9-9-05

DRAWN BY: F.T.M.

NOTES:

FILE #

 = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

NEWFIELD PRODUCTION COMPANY
FEDERAL #16-18-9-16
SE/SE SECTION 18, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' - 2500'
Green River	2500'
Wasatch	6080'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2500' - 6080' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY
FEDERAL #16-18-9-16
SE/SE SECTION 18, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #16-18-9-16 located in the SE 1/4 SE 1/4 Section 18, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly - 1.8 miles \pm to it's junction with an existing road to the southwest; proceed southwesterly - 9.1 miles \pm to it's junction an existing road to the southeast; proceed southeasterly - 1.0 miles \pm to it's junction with the beginning of the proposed access road; proceed along the proposed access road - 140' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surfaces equipment will be painted Carlsbad Canyon.
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #04-328, 1/19/05. Paleontological Resource Survey prepared by, Wade E. Miller, 5/11/05. See attached report cover pages, Exhibit "D".

For the Federal #16-18-9-16 Newfield Production Company requests 140' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 140' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 6" gas gathering line, and a buried 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Golden Eagle and Prairie Falcon: Due to this proposed well access roads proximity (less than 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between March 1 and May 15. If the nest remains inactive on May 15th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location between May 15 and March 1 of the following year. If the nest site becomes active prior to May 15, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Sage Grouse: If new construction or surface disturbing activities are scheduled to occur between March 1 and June 30, detailed surveys of the area within 0.5 mile of the proposed location must be conducted to detect the presence of sage grouse. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Needle and Threadgrass	<i>Stipa Comata</i>	4 lbs/acre
Indian Ricegrass	<i>Oryzopsis Hymenoides</i>	4 lbs/acre
Shadscale	<i>Atriplex Confertifoli</i>	3 lbs/acre
Fringed Sage	<i>Artemisia Frigida</i>	1 lbs/acre

Details of the On-Site Inspection

The proposed Federal #16-18-9-16 was on-sited on 7/12/05. The following were present; Shon Mckinnon (Newfield Production), Melissa Hawk (Bureau of Land Management), and Amy Torres (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. **LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

Representative

Name: Shon Mckinnon
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #16-18-9-16 SE/SE Section 18, Township 9S, Range 16E: Lease UTU-64379 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

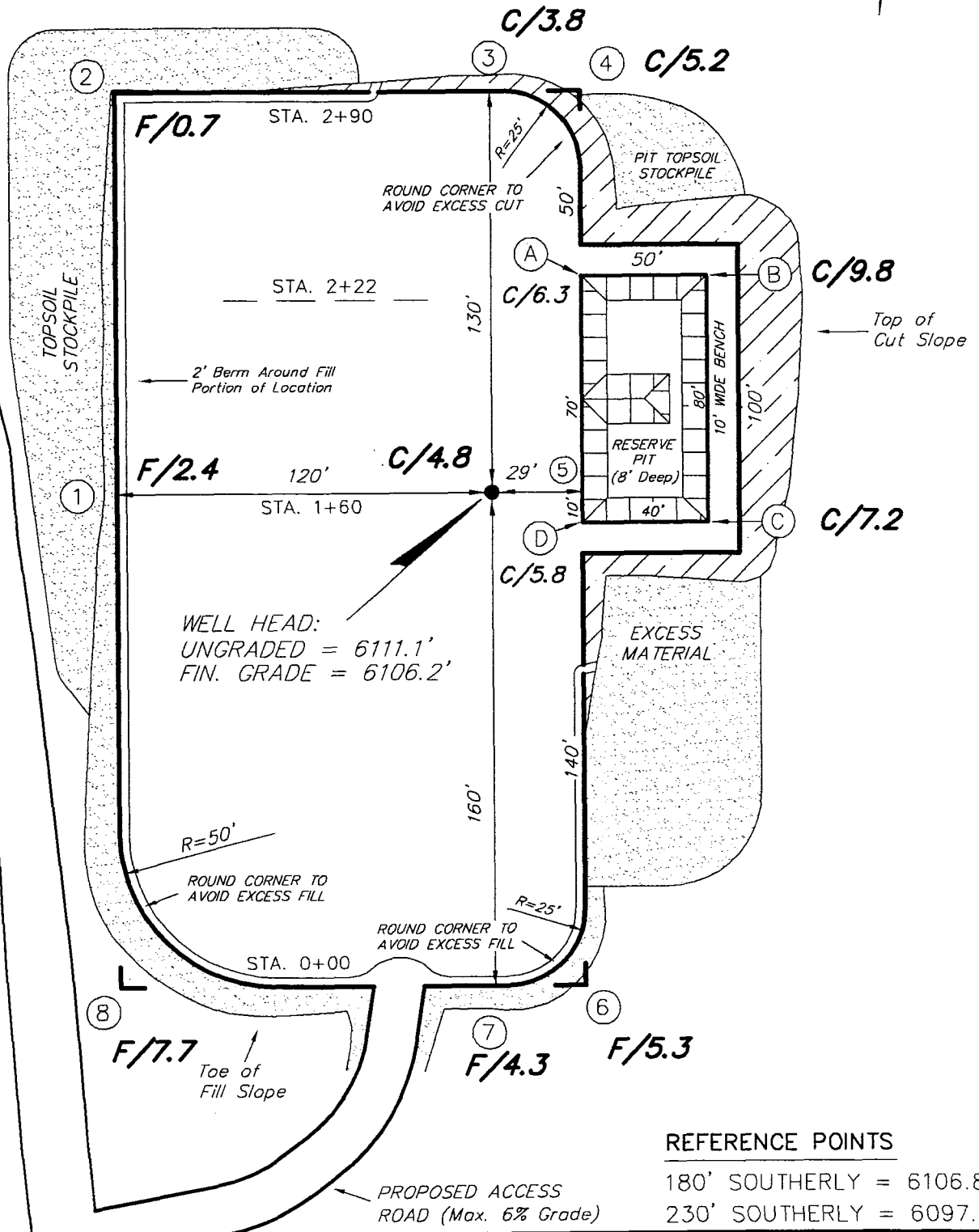
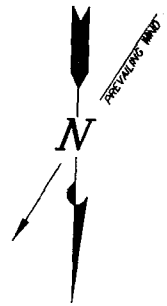
10/7/05
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 16-18-9-16

Section 18, T9S, R16E, S.L.B.&M.



REFERENCE POINTS

180' SOUTHERLY = 6106.8'
230' SOUTHERLY = 6097.4'

(435) 781-2501

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 9-9-05

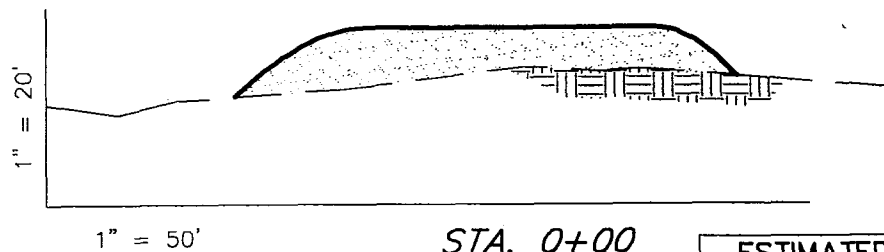
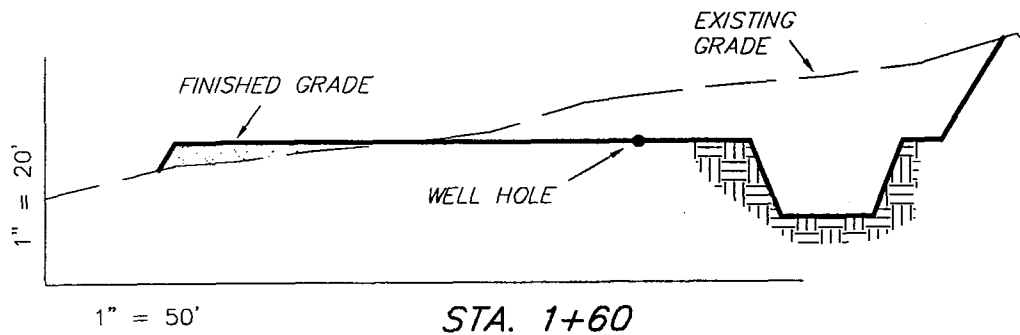
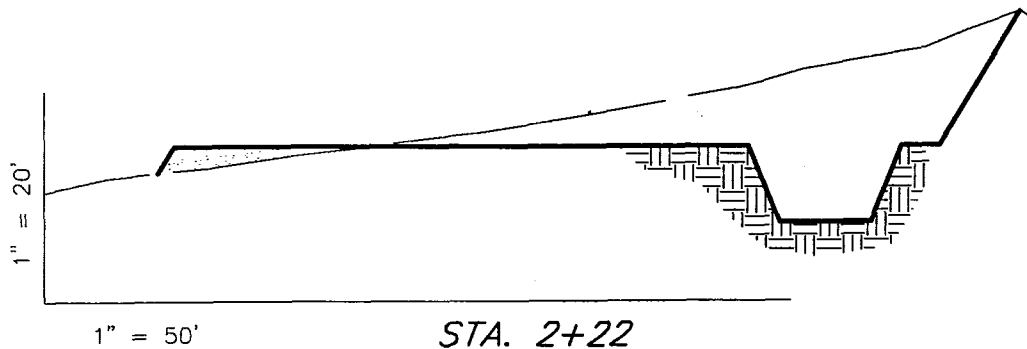
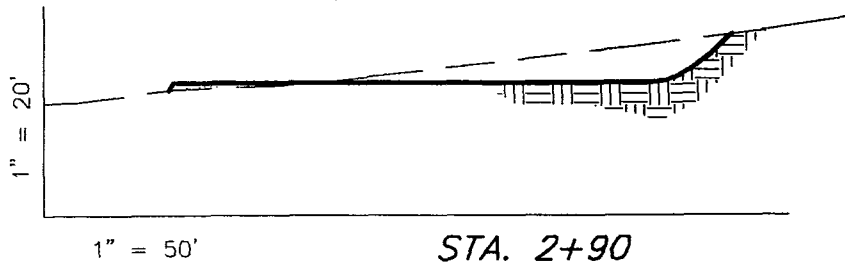
Tri State
Land Surveying, Inc.

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

9 MILE 16-18-9-16



NOTE:
UNLESS OTHERWISE NOTED
ALL CUT/FILL SLOPES ARE
AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	3,440	3,440	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	4,080	3,440	1,020	640

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 9-9-05

Tri State
Land Surveying, Inc.

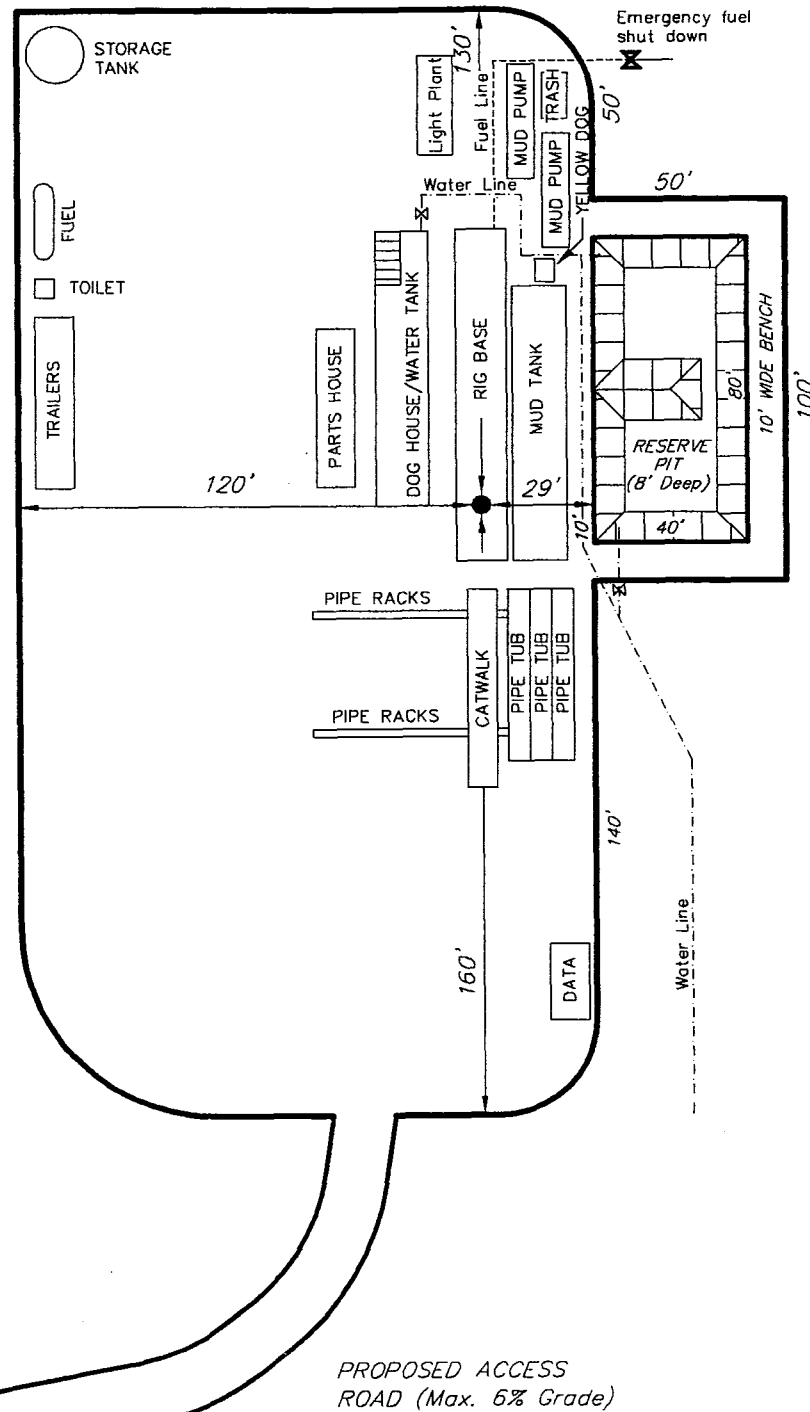
(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

9 MILE 16-18-9-16



SURVEYED BY: C.M.

SCALE: 1" = 50'

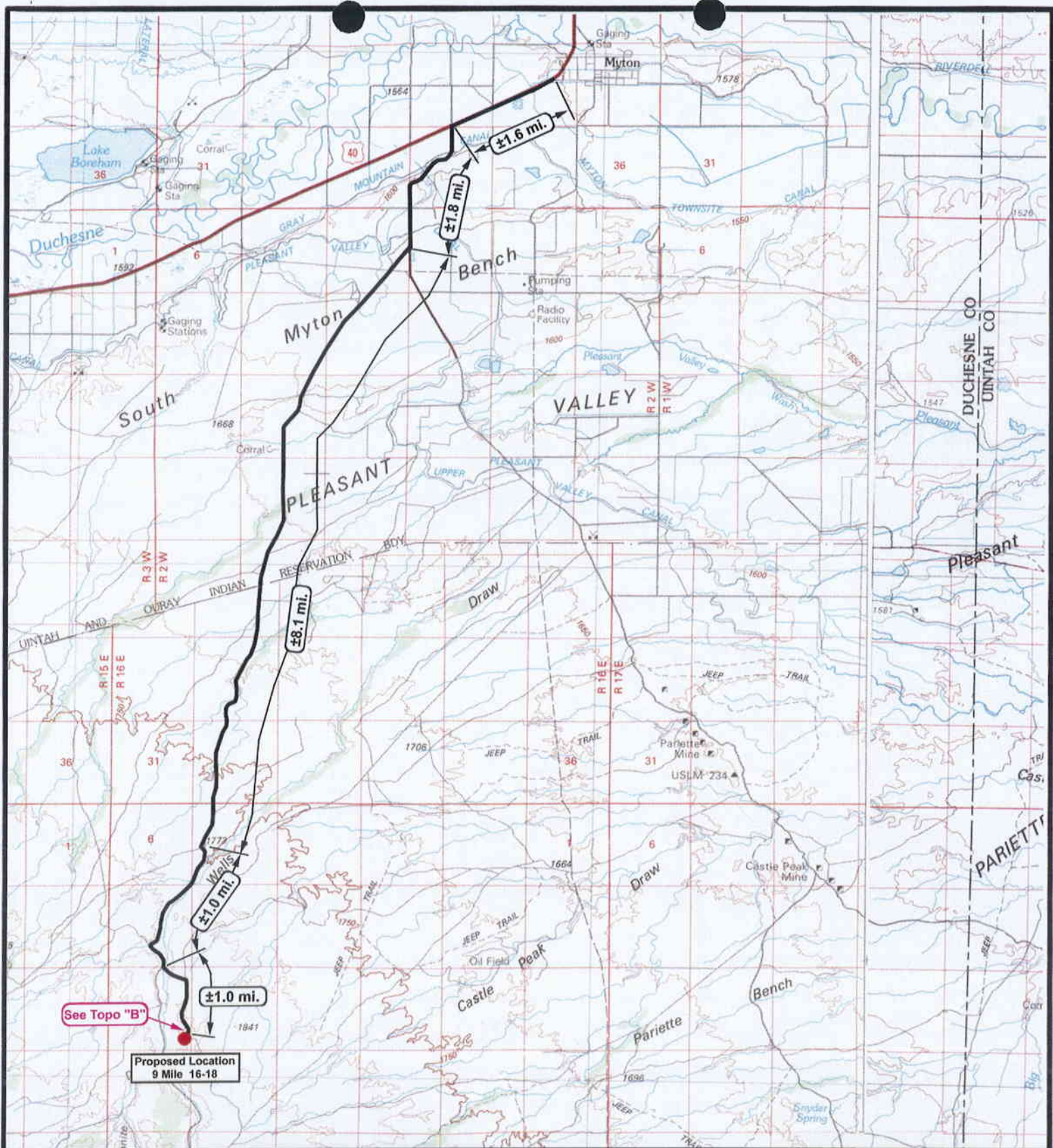
DRAWN BY: F.T.M.


DATE: 9-9-05

Tri State
Land Surveying, Inc.

(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078





NEWFIELD
Exploration Company

9 Mile 16-18-9-16
SEC. 18, T9S, R16E, S.L.B.&M.





Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 09-12-2005

Legend

— Existing Road
— Proposed Access

TOPOGRAPHIC MAP

"A"

J-74826

U-30096

U-034217A

UTU-73087

UTU-73086

U-020255

UTU-74390

UTU-79833

UTU-64379

UTU-64379

U-52018

Myton ± 12.5 mi.

± 1.0 mi.

Proposed Access $\pm 140'$

Proposed Location
9 Mile 16-18



NEWFIELD
Exploration Company

9 Mile 16-18-9-16
SEC. 18, T9S, R16E, S.L.B.&M.

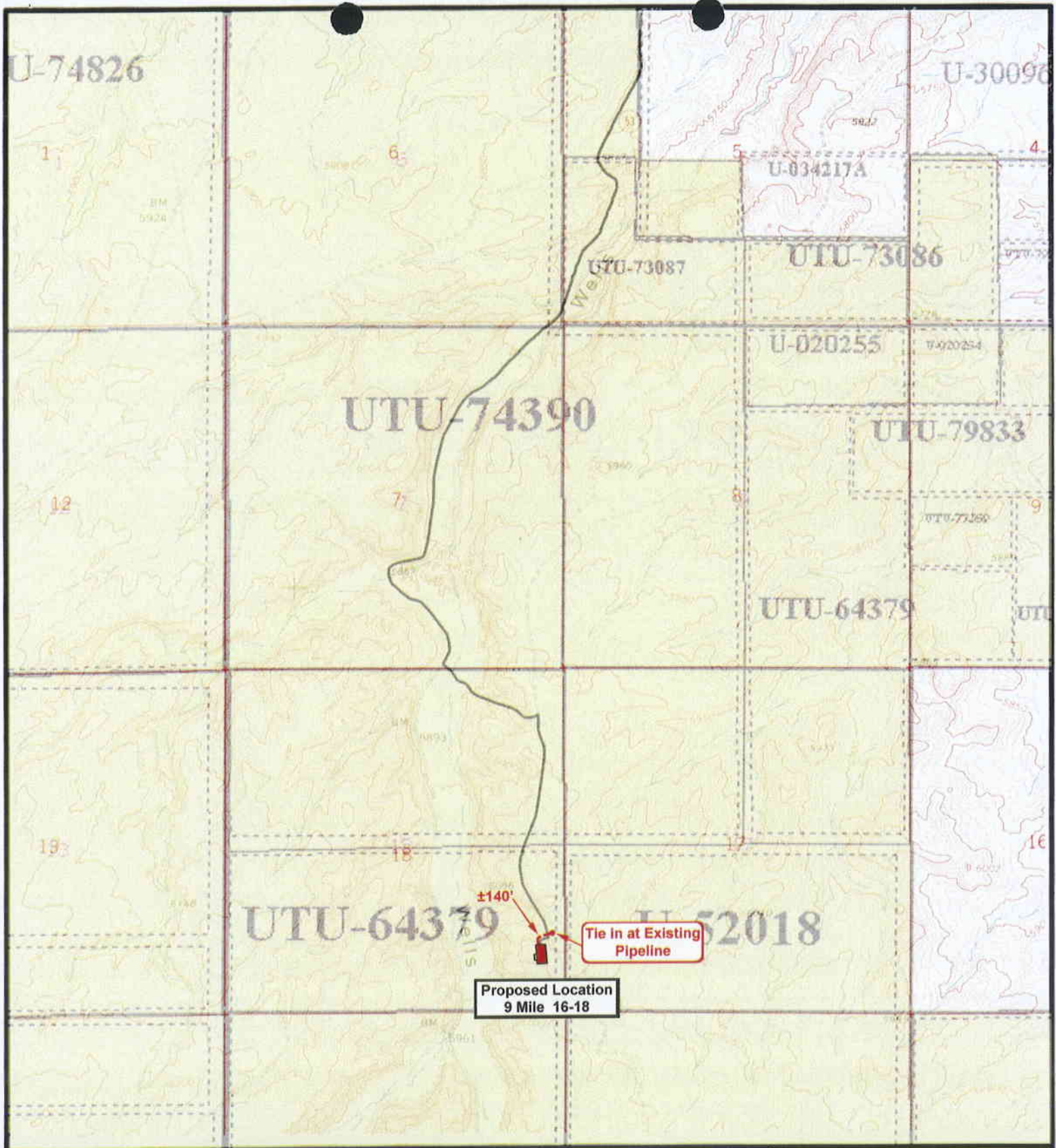


Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'
DRAWN BY: mw
DATE: 09-12-2005

Legend
Existing Road
Proposed Access

TOPOGRAPHIC MAP
"B"



NEWFIELD
Exploration Company

9 Mile 16-18-9-16
SEC. 18, T9S, R16E, S.L.B.&M.



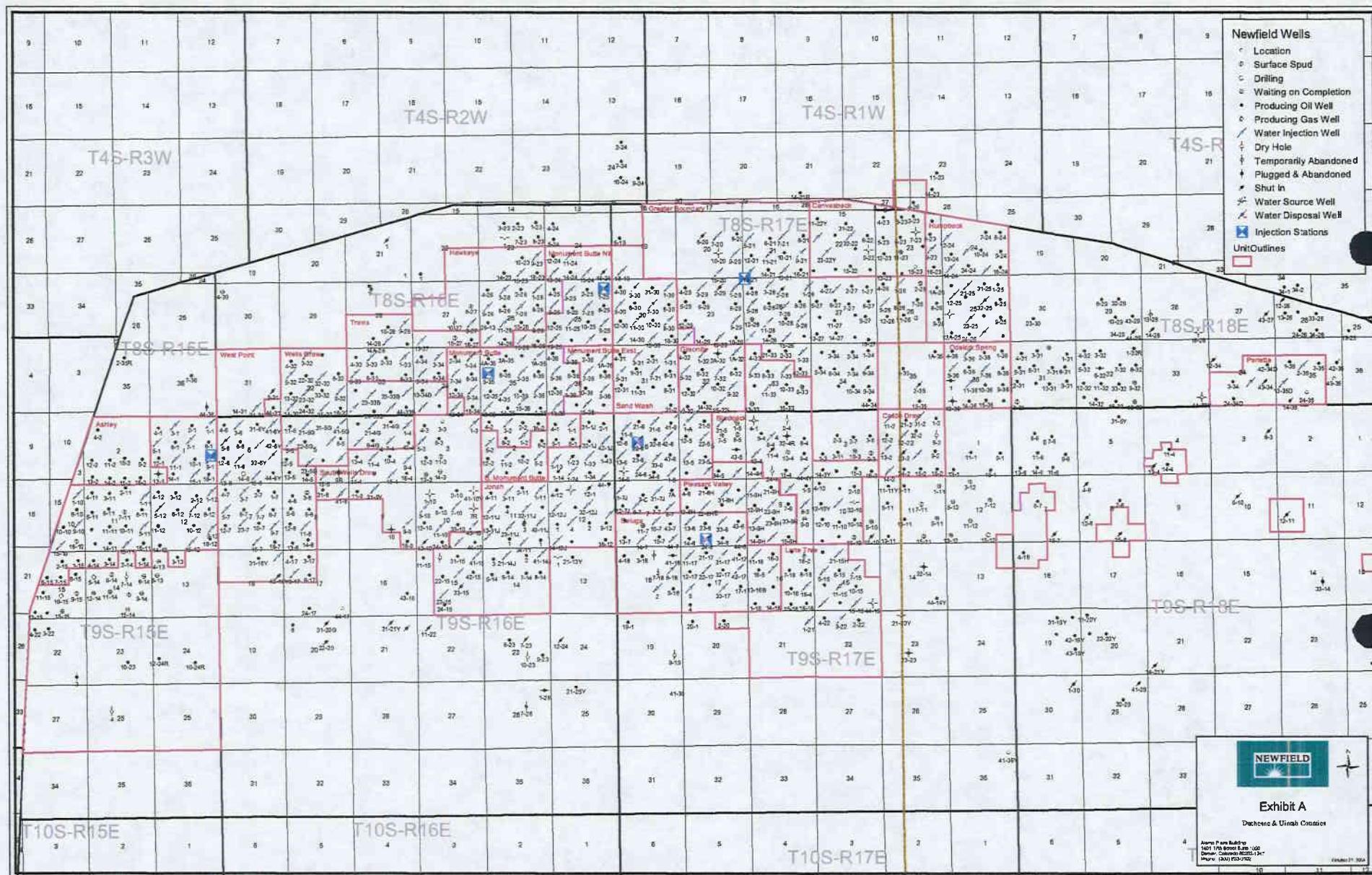
Tri-State
Land Surveying Inc.
(435) 781-2501
38 West 100 North Vernal, Utah 84078

SCALE: 1" = 2000'
DRAWN BY: mw
DATE: 09-12-2005

Legend

- Roads
- Proposed Gas Line

TOPOGRAPHIC MAP
"C"



2-M SYSTEM

Blowout Prevention Equipment Systems

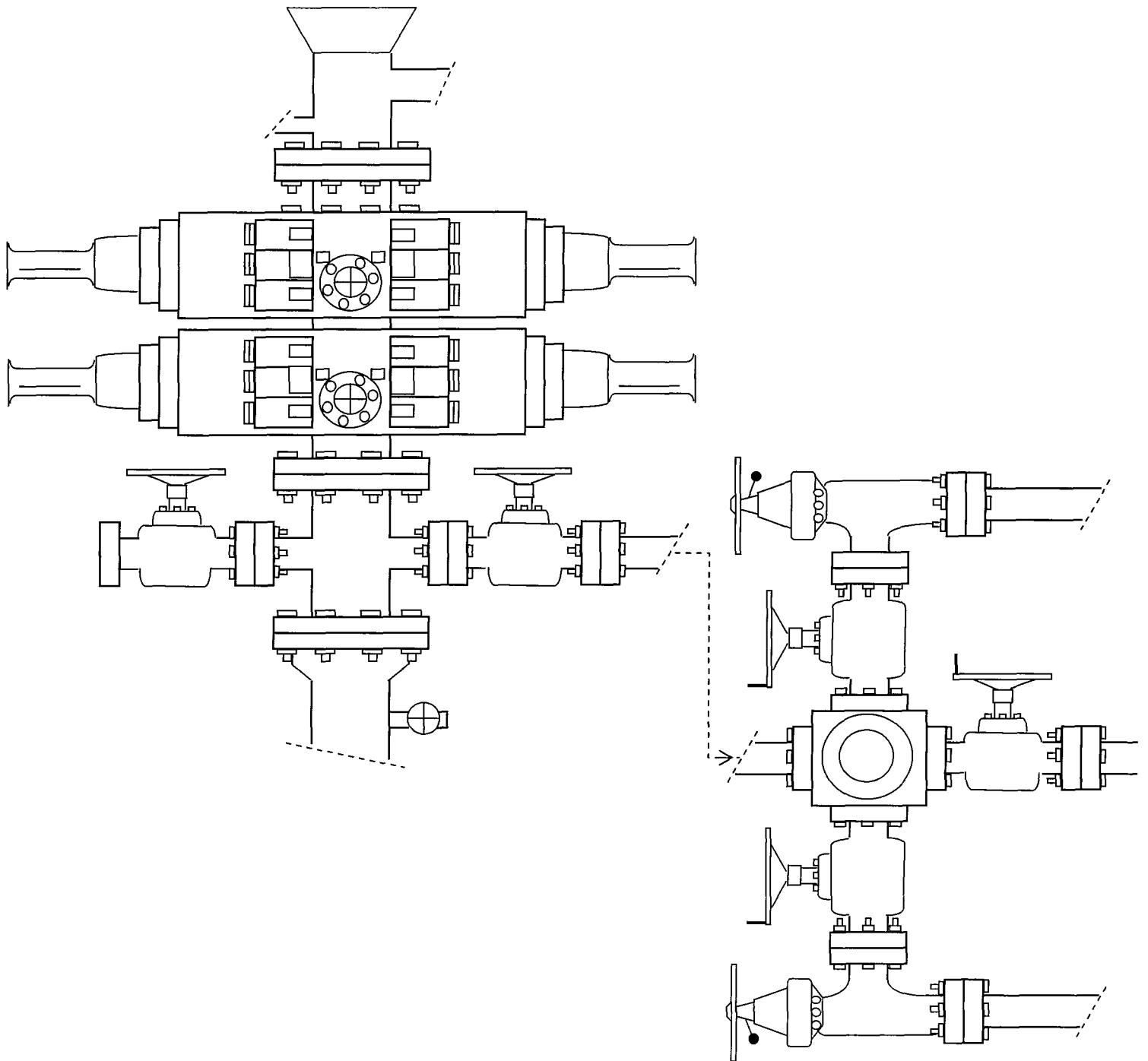


EXHIBIT C

Exhibit "D"
Page 1 of 4

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S BLOCK PARCEL
IN TOWNSHIP 9S, RANGE 16E, SECTION 18,
DUCHESNE COUNTY, UTAH

By:

Kylie Lower-Eskelson
and
Keith R. Montgomery

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company
Rt. 3 Box 3630
Myton, UT 84052

Prepared By:

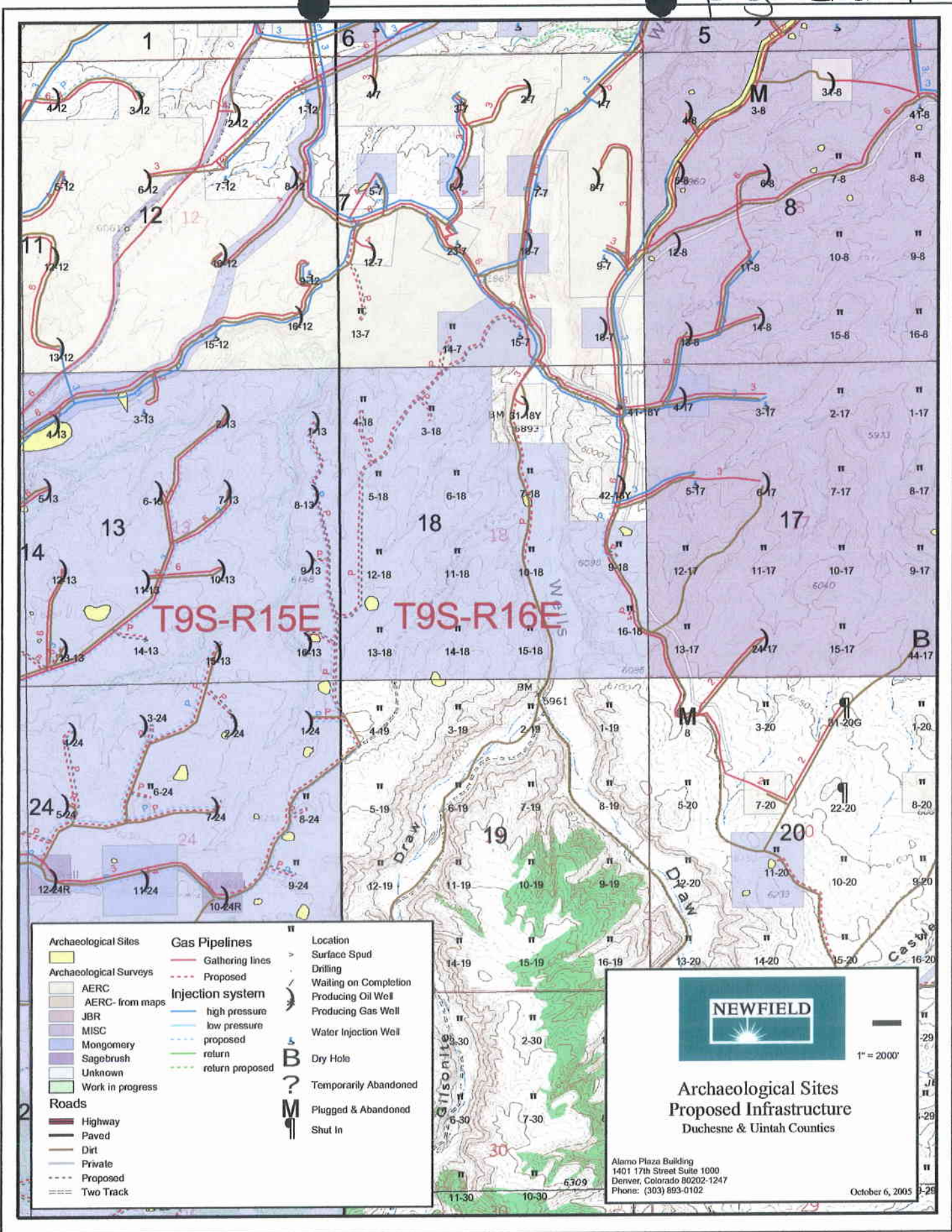
Montgomery Archaeological Consultants, Inc.
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 04-328

January 19, 2005

United States Department of Interior (FLPMA)
Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-04-MQ-1477b



NEWFIELD PRODUCTION COMPANY

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE COUNTY, UTAH**

Section 3, T 9 S, R 17 E [NE 1/4 & NW 1/4, NE 1/4 and NE 1/4, NW 1/4
& SW 1/4, NW 1/4, and NE 1/4 & NW 1/4, SE 1/4]; Section 18, T 9 S, R 16 E
[excluding NE 1/4, NW 1/4, & SE 1/4, NE 1/4]; Section 15, T 9 S, R 17 E [SE 1/4/ NE 1/4];
Section 18, T 9 S, R 17 E [western half of section plus SE 1/4 & SW 1/4, SE 1/4];
Section 33, T 8 S, R 16 E [NW 1/4, NW 1/4 and SW 1/4, NE 1/4]

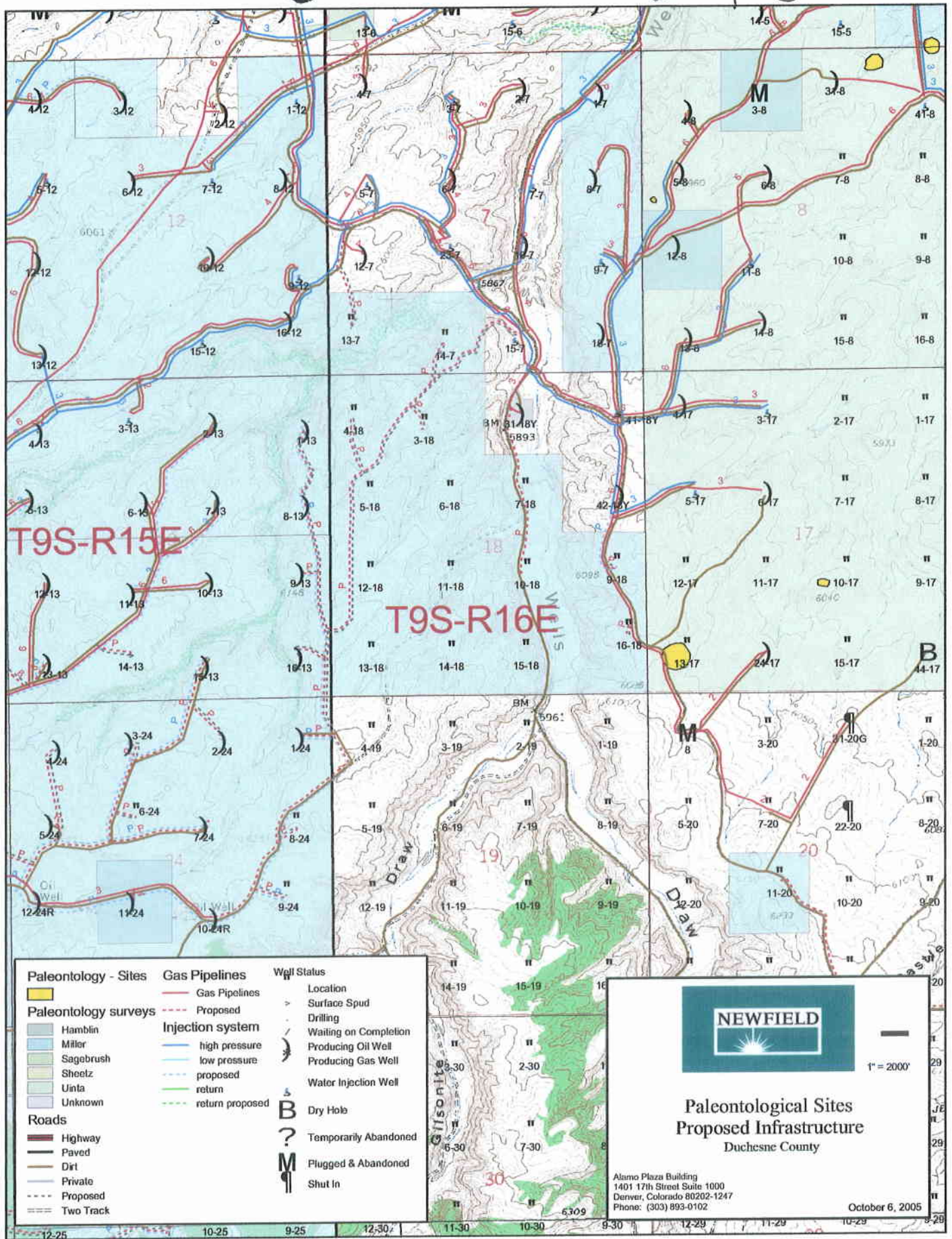
REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
May 11, 2005



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/11/2005

API NO. ASSIGNED: 43-013-32922

WELL NAME: FEDERAL 16-18-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SESE 18 090S 160E

SURFACE: 0964 FSL 0297 FEL

BOTTOM: 0964 FSL 0297 FEL

DUCHESNE

MONUMENT BUTTE (105)

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-64379

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 40.02637

LONGITUDE: -110.1530

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UT0056)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. MUNICIPAL)
☒ RDCC Review (Y/N)
(Date: _____)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

____ R649-2-3.
Unit _____
____ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
☒ R649-3-3. Exception
____ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
____ R649-3-11. Directional Drill

COMMENTS:

Sep, Separate file

STIPULATIONS:

1- Federal Approval
2- Spacing Strip

NEWFIELD



November 11, 2005

Utah Division of Oil, Gas & Mining
P.O. Box 145801
Attn: Diana Whitney
Salt Lake City, Utah 84114-5801

Re: Exception Location: Federal 16-18-9-16
964' FSL - 297' FEL, SESE Sec 18-T9S-16E
Duschene Cty., Utah; Lease UTU-64379

Dear Ms. Whitney:

Pursuant to Rule R649-3-3 of the Oil & Gas Rules and Regulations of the State of Utah, Newfield Production Company, Inc. hereby requests an exception location for the drilling of the captioned well. Rule R649-3-2 requires a well to be located in the center of a forty (40) acre quarter-quarter section, or a substantially equivalent lot or tract, with a tolerance of two hundred (200) feet in any direction from the center.

The above referenced location is an exception location under Rule 649-3-2, being 102' north and 157' east of the drilling window tolerance for the SESE of Sec 18-T9S-R16E. The attached plat depicts the proposed drillsite location and illustrates the deviation from the drilling window, in accordance with Rule R649-3-2. The requested location has been selected due to the extreme terrain.

Please note the proposed location is on Federal lease UTU-64379. The drillsite lease is owned by Newfield Production Company and Yates Petroleum Corporation. We have contacted Yates Petroleum and their consent to this location is attached. The SWSW of Sec 17-T9S-R16E (which falls within the 460' radius of the proposed location) is owned by Newfield Production Company in its' entirety.

If you have any questions or need additional information please contact me at (303)-382-4448. Thank you for your assistance in this matter.

Sincerely,
NEWFIELD PRODUCTION COMPANY

Laurie Deseau
Properties Administrator

RECEIVED

NOV 16 2005

DIV. OF OIL, GAS & MINING

Exception Location
Federal 16-18-9-16; Lease UTU-64379

Please be advised that Yates Petroleum Corporation does not have an objection to the proposed location of the aforementioned well.

By: *Gray Waldeep*

Date: 11-11-05

Gray Waldeep - Senior Landman
Print Name and Title

RECEIVED

NOV 16 2005

DIV. OF OIL, GAS & MINING

Form 3160-3
(September 2001)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

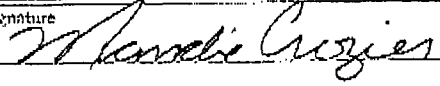
FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-64379
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Federal 16-18-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/SE 964' FSL 297' FEL At proposed prod. zone		9. API Well No.
14. Distance in miles and direction from nearest town or post office* Approximately 13.5 miles southwest of Myton, Utah		10. Field and Pool, or Exploratory Monument Butte
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest dry, unit line, if any) Approx. 297' / Mile, NA' / Unit	16. No. of Acres in lease 1626.36	11. Sec., T., R., M., or Bk. and Survey or Area SE/SE Sec. 18, T9S R16E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1263'	19. Proposed Depth 6080'	12. County or Parish Duchesne
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6111' GL	22. Approximate date work will start* 2nd Quarter 2006	13. State UT
20. BLM/BIA Bond No. on file UT0056		17. Spacing Unit dedicated to this well 40 Acres
23. Estimated duration Approximately seven (7) days from start to full release.		

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 10/17/05
Title Regulatory Specialist		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

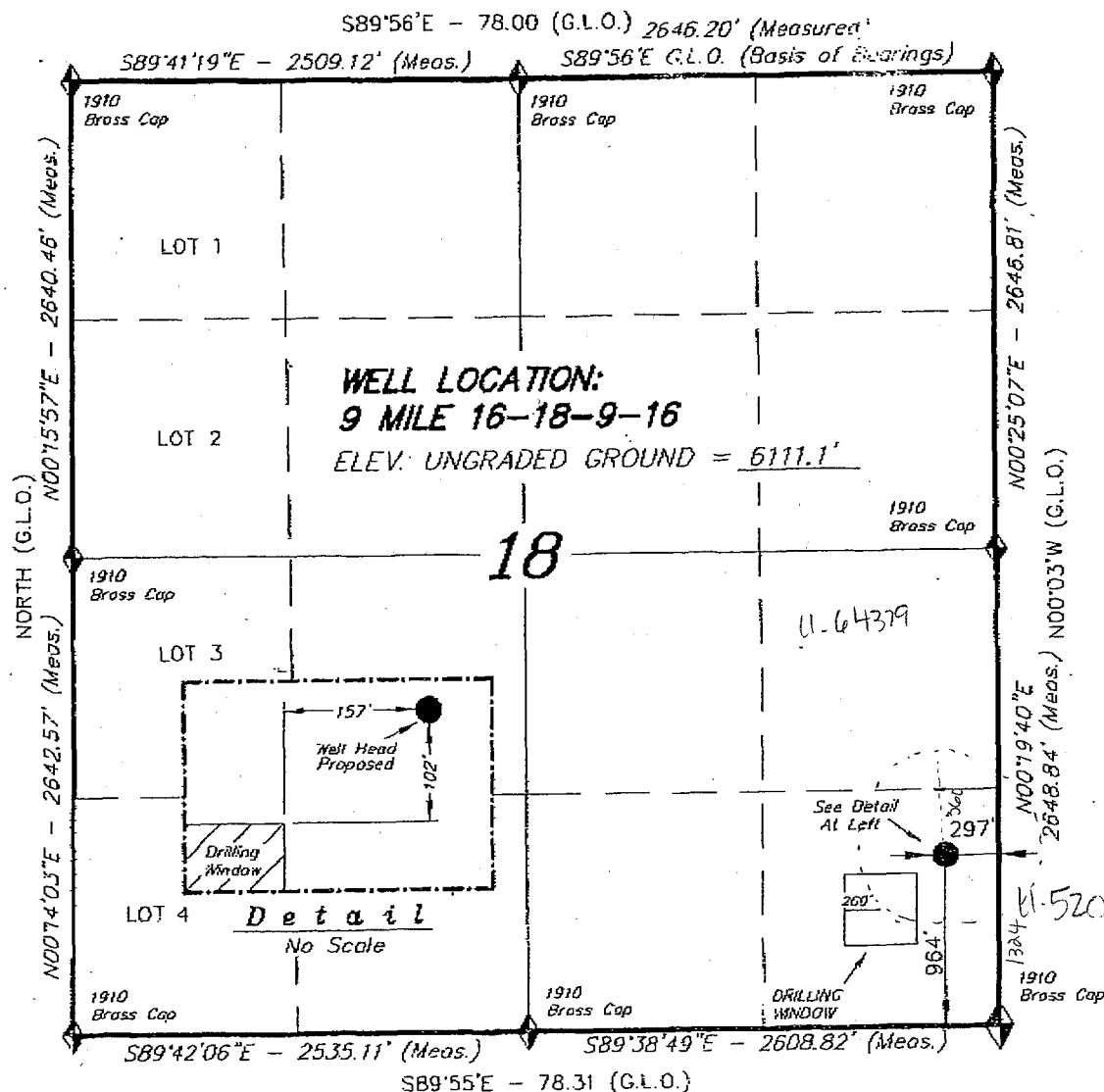
*(Instructions on reverse)

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NOV 16 2005
DIV. OF OIL, GAS & MINING

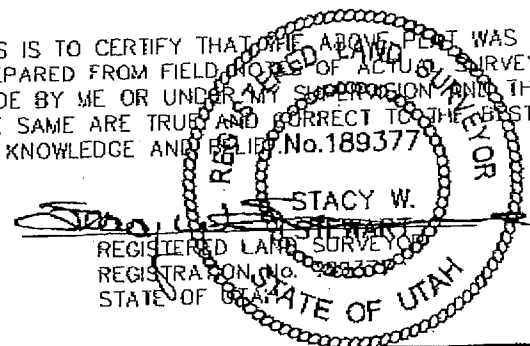
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 16-18-9-16,
LOCATED AS SHOWN IN THE SE 1/4 SE
1/4 OF SECTION 18, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377

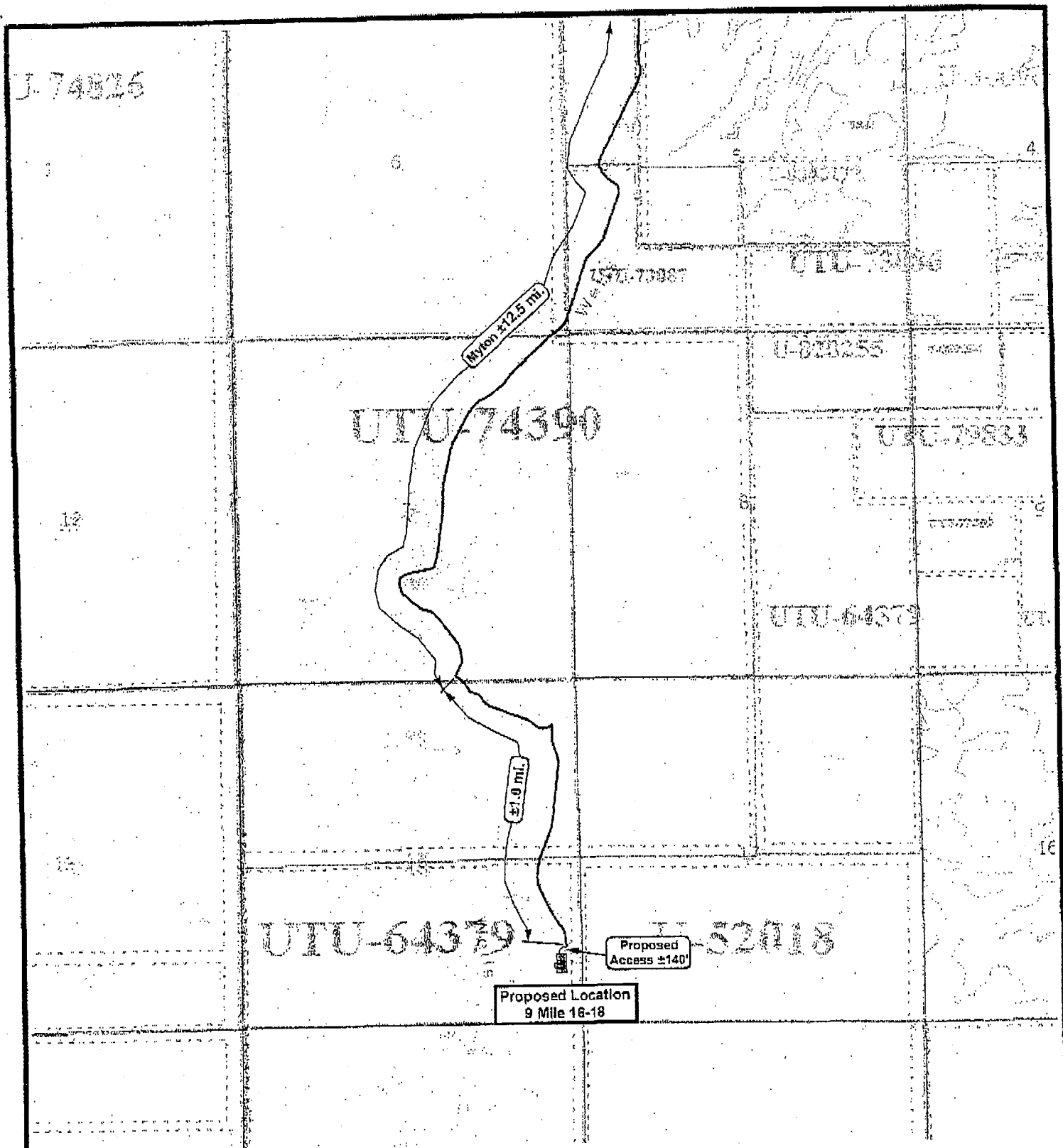


TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

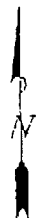
SCALE: 1" = 1000'	SURVEYED BY: C.M.
DATE: 9-9-05	DRAWN BY: F.T.M.
NOTES:	FILE #

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)



9 Mile 16-18-9-16
SEC. 18, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1"=2000'

DRAWN BY: mw

DATE: 09/12/2005

Legend

Existing Road

Proposed Access

TOPOGRAPHIC MAP

"B"



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

November 16, 2005

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Federal 16-18-9-16 Well, 964' FSL, 297' FEL, SE SE, Sec. 18, T. 9 South,
R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32922.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Newfield Production Company
Well Name & Number Federal 16-18-9-16
API Number: 43-013-32922
Lease: UTU-64379

Location: SE SE Sec. 18 T. 9 South R. 16 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-64379

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or U.A. Agreement Designation

NA

8. Well Name and No.

FEDERAL 16-18-9-16

9. API Well No.

43-013-32922

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT.

SUBMIT IN TRIPLICATE

1. Type of Well

☒

Oil
Well

☐

Gas
Well

☐

Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

964 FSL 297 FEL

SE/SE Section 18, T9S R16E

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OCT 30 2006
DIV. OF OIL, GAS & MINING

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION

☒

Notice of Intent

☐

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other

Permit Extension

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 11/16/05 (expiration 11/16/06).

This APD has not been approved yet by the BLM.

Approved by the
Utah Division of
Oil, Gas and Mining

Date:

10-30-06

By:

[Signature]

COPIES SENT TO OPERATOR
DATE: **10-31-06**
TIME: **PM**

14. I hereby certify that the foregoing is true and correct.

Signed

[Signature]
Mandie Crozier

Regulatory Specialist

Date

10-27-2006

CC: UTAH DORM

(This space for Federal or State office use)

Approved by

Title

Date



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OCT 30 2006
DIV. OF OIL, GAS & MINING

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-32922
Well Name: Federal 16-18-9-16
Location: SE/SE Section 18, T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 11/16/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒ (A)

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐


Signature

10/27/2006
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

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OCT 11 2005

BLM VERNAL, UTAH

Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

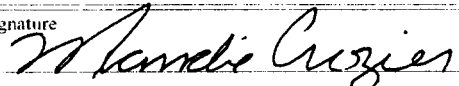
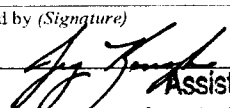
5. Lease Serial No. UTU-64379
6. If Indian, Allottee or Tribe Name N/A
7. If Unit or C/A Agreement, Name and No. N/A
8. Lease Name and Well No. Federal 16-18-9-16
9. API Well No. 43.013.32922
10. Field and Pool, or Exploratory Monument Butte
11. Sec., T., R., M., or Blk. and Survey or Area SE/SE Sec. 18, T9S R16E
12. County or Parish Duchesne
13. State UT

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		
2. Name of Operator Newfield Production Company		
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/SE 964' FSL 297' FEL At proposed prod. zone		
14. Distance in miles and direction from nearest town or post office* Approximatley 13.5 miles southwest of Myton, Utah		12. County or Parish Duchesne
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 297' f/lse, NA' f/unit		17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1263'		20. BLM/BLA Bond No. on file UT0056
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6111' GL	22. Approximate date work will start* 2nd Quarter 2006	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 10/17/05
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) Jerry Kaweka	Date 2-7-2007
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

NOTICE OF APPROVAL

COPIES OF APPROVAL ATTACHED

RECEIVED

FEB 13 2007

DIV. OF OIL, GAS & MINING



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Federal 16-18-9-16
API No: 43-013-32922

Location: SESE, Sec 18, T9S, R16E
Lease No: UTU-64379
Agreement: N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	435-781-4490	435-828-4470
Petroleum Engineer:	Michael Lee	435-781-4432	435-828-7875
Petroleum Engineer:	James Ashley	435-781-4470	435-828-7874
Petroleum Engineer:	Ryan Angus	435-781-4430	
Supervisory Petroleum Technician:	Jamie Sparger	435-781-4502	435-828-3913
NRS/Enviro Scientist:	Paul Buhler	435-781-4475	435-828-4029
NRS/Enviro Scientist:	Karl Wright	435-781-4484	
NRS/Enviro Scientist:	Holly Villa	435-781-4404	
NRS/Enviro Scientist:	Melissa Hawk	435-781-4476	435-828-7381
NRS/Enviro Scientist:	Chuck MacDonald	435-781-4441	
NRS/Enviro Scientist:	Jannice Cutler	435-781-3400	
NRS/Enviro Scientist:	Michael Cutler	435-781-3401	
NRS/Enviro Scientist:	Anna Figueroa	435-781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	435-781-3402	
NRS/Enviro Scientist:	Darren Williams	435-781-4447	
NRS/Enviro Scientist:	Nathan Packer	435-781-3405	
After Hours Contact Number: 435-781-4513		Fax: 435-781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify NRS/Enviro Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS/Enviro Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supervisory Petroleum Technician)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings
BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician)	- Twenty-Four (24) hours prior to initiating pressure tests
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

DRILLING AND CONSTRUCTION

- All applicable local, state, and/or federal laws, regulations, and/or statutes must be complied with.
- Prior to construction the operator must consult with the U.S. Army Corps of Engineers regarding compliance with Section 404 of the Clean Water Act.
- In accordance with the Migratory Bird Treaty Act if a nest is found the operator shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer.
- Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel shall not be allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. may be needed to control the erosion. The operator shall submit a proposal to control erosion to the BLM.
- The reserve pit shall be double lined with felt and a 12 ml or greater liner.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- The liner is to be cut at the level of the cuttings or treated to prevent the reemergence of the pit liner and pit material to the surface or its interference with long-term successful re-vegetation. Any excess liner material removed from the pit is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.
- Drill cuttings and mud shall remain in the reserve pit until DRY. The reserve pit must be free of oil and other liquid and solid wastes, allowed to dry, be pumped dry, or solidified in-situ prior to filling. The reserve pit shall not be "squeezed," (filled with soil while still containing fluids) or "cut" (puncturing the pit liner while still containing fluids to allow pit fluids to drain from the pit).
- Prevent fill and stock piles from entering drainages.
- **CULTURAL AND PALEONTOLOGICAL RESOURCES** - Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery shall be made by the authorized officer to determine appropriate actions to prevent the loss of

significant cultural or scientific values. The holder shall be responsible for the cost of evaluation and a decision as to proper mitigation measures shall be made by the authorized officer after consulting with the holder.

- The access road shall be crowned and ditched. Flat-bladed roads are NOT allowed.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.
- Following well plugging and abandonment, the location, access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil respread over the surface; and, the surface revegetated. The surface of approved staging areas where construction activities did not occur may require disking or ripping and reseeding.
- Noxious weeds and any undesirable plants, as determined by the BLM, shall be controlled by the operator. The operator shall submit a pesticide use proposal to control weeds if they develop on the location or access road.
- Trees must be removed from the location must be piled separately off location and saved for final reclamation purposes.

INTERIM RECLAMATION

- Where possible, strip six inches of topsoil from the location as shown on the cut sheet. After the well is completed, the topsoil shall be spread and re-contoured on the location and immediately seeded with the seed mix below. Topsoil shall not be piled deeper than 2 feet.

Interim Reclamation Seed Mix for location:

Crested wheatgrass	Agropyron cristatum	4 lbs/acre
	Per Live Seed Total	4 lbs/acre

- Certified weed free seed and straw shall be used for final and interim reclamation. The operator shall submit a receipt with certification for the seed and any straw used on location.
- The topsoil from the reserve pit should be stripped and piled separately near the reserve pit. When the reserve pit is closed it should be re-contoured, then the area should be seeded in the same manner as the topsoil.
- There shall be no primary or secondary noxious weeds in the seed mixture.
- The above listed seed mix shall be used to seed all unused portions of the pad including the topsoil and stock piles, and the reserve pits. Re-seeding may be required if the first seeding is not successful.
- The seed shall be drilled or disked into the ground or hand broadcast onto the ground. Planting depth shall not exceed one-half inch using a seed drill. If the seed is hand broadcast then the seed mixture shall be doubled and the area raked or chained to cover the seed. Seeding shall be conducted in fall.

COMPLETION AND PRODUCTION

- All Blow back fluids from completion operations shall be contained in such a manner that no oil reaches the reserve pit.
- During all road building, pad construction, drilling, well completion, producing and abandonment activities, all gasoline, diesel powered equipment used must be equipped with approved spark arresters or mufflers.
- The dikes for the production facilities will be constructed of compacted subsoil, be impervious, hold 110% the capacity of the largest tank with (one) 1 foot of freeboard and be independent of the backcut. All galvanized material used for dikes shall be painted on the inside and outside. Dikes shall be installed before production starts. Diking of the entire location will only be used as a secondary means of containment.
- Production facilities (including dikes) shall be placed on cut and a minimum of 20' from the toe of the backcut.
- Pesticides may not be used to control undesirable woody and herbaceous vegetation, aquatic plants, insects, rodents, trash fish, etc., without the prior written approval of the BLM. A request for approval of planned uses of pesticides shall be submitted 4 months prior to the proposed starting date.
- No production pits shall be allowed on the location.
- Load outs shall be inside the dike. A drip barrel shall be installed under the end of the loadout line.
- All production facilities, i.e. pump, pump house, storage tanks, oil-water separator, galvanized dikes, propane tanks, etc. shall be painted with a lusterless color (see well stipulations for color specific to each well). All facilities shall be painted within twelve (12) months of installation.
- The well location shall be maintained in a clean environmentally friendly manner, using good house keeping practices.
- Equipment not being used for production shall not be stored on the well location.
- All oil and chemical barrels shall be labeled and have a spill containment device to protect soils from possible contamination.

ABANDONED WELL – FINAL RECLAMATION

- A sundry notice shall be submitted to the BLM prior to abandonment, a final reclamation seed mix shall be designated at the time the sundry is approved.
- The cut and fill slopes shall be recontoured to original contours. The entire disturbed area shall then be back-filled with topsoil, landscaped, seeded and fenced to exclude livestock. The fence shall remain in place. It shall be removed prior to approval of final abandonment.
- The seed shall be drilled or hand broadcast and harrowed into the ground during September of

the year following earthwork for initial or final reclamation. Planting depth shall not exceed one-half inch using a seed drill. Weed free mulch shall also be applied to the planting area sufficiently to uniformly cover 80% of the seeded area. Hydroseeding and mulching can also be used, but seeding rates will need to be doubled.

- When seeding *Artemisia* spp or shrubs broadcast seed and chain the area.
- Final reclamation shall be a stage process.
- If invasive or undesirable species are present in the area the location to be reclaimed will be sprayed with a pesticide in fall preferably October. (pesticide determined by the Vernal Field Office).
- 30 days after treatment drill seed the location with 4 lbs/acre Crested wheatgrass.
- Once the desired pioneer species has established (2 yrs +) the seeded area shall be sprayed in a mosaic pattern with the above determined pesticide.
- Reseed within 30 days with an approved native final reclamation seed mix.
- Final reclamation will be considered complete once desired plants are > 5 plants per square meter and invasive or un-desirable species are < 100 plants per square meter.
- No drilling or construction from February 1 through July 15 to protect nesting Golden Eagles. Sage Grouse Lek Nest Area—No surface use is allowed within the lek nesting areas March 1 through June 30. No surface use November 1 through April 30 to protect big game seasonal wildlife habitat. All production facilities shall be painted Olive Drab. 6" and 4" surface poly gas lines.

General Surface COA

Operator shall notify any active Gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- None

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
- All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

- The lessee/operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, etc.) to Peter Sokolosky or another geologist of the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and / or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major

Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: Newfield Production Company

Well Name: Federal 16-18-9-16

API No: 43-013-32922 Lease Type: Federal

Section 18 Township 09S Range 16E County Duchesne

Drilling Contractor Ross Rig Rig # 24

SPUDDED:

Date 6-27-07

Time 9:00 AM

How Dry

Drilling will Commence: _____

Reported by Don Bastian

Telephone # 435-823-6012

Date 6-28-07 Signed RM

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3430
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				SPUD DATE	EFFECTIVE DATE	
					QQ	SC	TP	RG			COUNTY
B	99999	12277 ✓	4301333246	PLEASANT VALLEY FED F-9-9-17	SWNW	9	9S	17E	DUCHESNE	6/24/2007	7/23/07
WELL 1 COMMENTS: <i>GRUV BHL = SWNW</i>											
A	99999	16239	4301333141	FEDERAL 14-21-9-16	SESE	21	9S	16E	DUCHESNE	6/22/2007	7/23/07
<i>GRUV</i>											
B	99999	12277 ✓	4301333248	PLEASANT VALLEY FED N-9-9-17	NESW	9	9S	17E	DUCHESNE	6/25/2007	7/23/07
<i>GRUV BHL = NESW</i>											
A	99999		4304737475	GUSHER FEDERAL 18-14-6-20	SESE	14	6S	20E	UINTAH	6/25/2007	
<i>Duplicate - processed 1/31/07</i>											
A	99999	16240	4301332922	FEDERAL 16-18-9-16	SESE	18	9S	16E	DUCHESNE	6/27/2007	7/23/07
WELL 5 COMMENTS: <i>GRUV</i>											
B	99999	11880 ✓	4301332810	BELUGA FED 5-18-9-17	SWNW	18	9S	17E	DUCHESNE	6/28/2007	7/23/07
WELL 5 COMMENTS: <i>GRUV</i>											

ACTION CODES (See instructions on back of form)

- A - 1 new entity for new well (single well only)
- B - 1 well to existing entity (group or unit well)
- C - 1 new existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED
JUL 09 2007

DIV. OF OIL, GAS & MINING

Jentri Park
Signature
Jentri Park
Production Clerk
July 9, 2007
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
USA UTU-64379
6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.
FEDERAL 16-18-9-16

9. API Well No.
4301332922

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

SUBMITTER PROPOSES AND OTHER INFORMATION ON AVERAGE STATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
964 FSL 297 FEL
SESE Section 18 T9S R16E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 8/22/07 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 265'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6050'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 157 jt's of 5.5 J-55, 15.5# csgn. Set @ 6041' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 25 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 100,000 #'s tension. Release rig @ 12:30 PM on 8/27/07.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Justin Crum

Signature

Title

Drilling Foreman

Date

08/30/2007

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

AUG 31 2007

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6041.44

Flt cllr @ 6075'

LAST CASING 8 5/8" SET AT 317'
 DATUM 12' KB
 DATUM TO CUT OFF CASING 12'
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 6050' Loggers
 HOLE SIZE 7 7/8"

OPERATOR Newfield Production Company
 WELL Federal 16-18-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI # 1

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 3998' (5.02')					
138	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5989.59
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	38.6
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6043.44
TOTAL LENGTH OF STRING		6043.44	139	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		192.94	8	CASING SET DEPTH			6041.44
TOTAL		6221.13	147	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6221.13	147				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		8/27/2007	12:30 AM	GOOD CIRC THRU JOB Yes			
CSG. IN HOLE		8/27/2007	4:00 AM	Bbls CMT CIRC TO SURFACE 25			
BEGIN CIRC		8/27/2007	4:00 AM	RECIPROCATED PIPE FOR THRUSTROKE NA			
BEGIN PUMP CMT		8/27/2007	5:43 AM	DID BACK PRES. VALVE HOLD ? Yes			
BEGIN DSPL. CMT		8/27/2007	6:43 AM	BUMPED PLUG TO 25 PSI			
PLUG DOWN		8/27/2007	6:43 AM				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	300	Premlite II w/ 10% gel + 3 % KCL, 5#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
2	400	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1,1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Justin Crum DATE 8/28/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE. Other instructions on reverse side.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address

Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

964 FSL 297 FEL

SESE Section 18 T9S R16E

5. Lease Serial No.

USA UTU-64379

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.

FEDERAL 16-18-9-16

9. API Well No.

4301332922

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

I hereby certify that the foregoing is true and
correct (Printed/ Typed)

Mandie Crozier

Title

Regulatory Specialist

Signature

Date

09/14/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or
certify that the applicant holds legal or equitable title to those rights in the subject lease
which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United
States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

SEP 1 / 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-64379

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER:
FEDERAL 16-18-9-16

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301332922

3. ADDRESS OF OPERATOR:

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 964 FSL 297 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESE, 18, T9S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 09/27/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 09/13/07, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE

DATE 09/27/2007

(This space for State use only)

RECEIVED

OCT 01 2007

DIV OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 16-18-9-16

7/1/2007 To 11/30/2007

9/6/2007 Day: 1

Completion

Rigless on 9/5/2007 - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5950' & cement top @ 70'. Perforate stage #1, LODC sds @ 5298-5312' w/ 3-1/8" Slick Guns (19 gram, .49"EH, 120°) w/ 4 spf for total of 56 shots. 144 BWTR. SWIFN.

9/11/2007 Day: 2

Completion

Rigless on 9/10/2007 - RU BJ Services "Ram Head" frac flange. RU BJ & frac LODC, stage #1 down casing w/ 49,689#'s of 20/40 sand in 465 bbls of Lightning 17 frac fluid. Open well w/ 140 psi on casing. Perfs broke down @ 2220 psi. Treated @ ave pressure of 1986 w/ ave rate of 24.7 bpm w/ 8 ppg of sand. Spot 30 gals of Techna Hib before pad. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2376. 609 bbls EWTR. Leave pressure on well. RU Perforators LLC crane, WLT & lubricator. RIH w/ Weatherford (6K) composite flow through frac plug & 15' perf gun. Set plug @ 5170'. Perforate A1 sds @ 5051-66' w/ 3-1/8" Slick Guns (23 gram, .49"HE, 120°) w/ 4 spf for total of 60 shots. SIFN.

9/12/2007 Day: 3

Completion

Rigless on 9/11/2007 - RU BJ & frac A1, stage #2 down casing w/ 79,844#'s of 20/40 sand in 628 bbls of Lightning 17 frac fluid. Open well w/ 1525 psi on casing. Perfs broke down @ 2905 psi. Treated @ ave pressure of 2030 w/ ave rate of 24.8 bpm w/ 8 ppg of sand. Spot 30 gals of Techna Hib before pad. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2400. 1237 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 5', 6' perf guns. Set plug @ 4820'. Perforate D2 sds @ 4727-32', D1 sds @ 4674-80' w/ 4 spf for total of 44 shots. RU BJ & frac stage #3 w/ 31,828#'s of 20/40 sand in 394 bbls of Lightning 17 frac fluid. Open well w/ 1819 psi on casing. Perfs broke down @ 2394 psi. Treated @ ave pressure of 1974 w/ ave rate of 24.8 bpm w/ 6.5 ppg of sand. Spot 30 gals of Techna Hib before pad. ISIP was 1974. 1631 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 3-1/2 hours & died w/ 250 bbls rec'd. MIRUSU. RD Cameron BOP's & 5K frac head. Instal 3K production tbg head & Schaefer BOP's. RU used 4-3/4" Chomp bit & bit sub. Tally & TIH w/ tbg to tag fill @ 4814'. RU pump/tanks & swivel. C/O to plug @ 4820'. Drlg out plug #1. Leave EOT @ 4858'. SIFN.

9/13/2007 Day: 4

Completion

Western #4 on 9/12/2007 - Open well w/ 40 psi on casing. TIH w/ tbg to tag sand @ 5160'. C/O to plug @ 5170'. Drlg up plug #2. TIH w/ tbg to tag sand @ 5836'. C/O to PBTD @ 6002'. TOOH w/ 2 jts tbg to leave EOT @ 5932'. RU swab equipment. Made 14 swab runs to rec'd 105 bbls fluid, last run showed trace of oil, no sand. IFL surface. FFL was 1400'. RD swab equipment. TIH to PBTD @ 6002' (no fill). TOOH w/ tbg. LD Bit & bit sub. TIH w/ NC, 2 jts tbg, SN, 1 jt tbg, TA (new CDI, 45,000# shear), 167 jts tbg. RD BOP's. Set TA w/ 16,000#'s of tension @ 5271' w/ SN @ 5305' & EOT @ 5369'. Flush tbg w/ 60 bbls water. SIFN.

9/14/2007 Day: 5

Completion

Western #4 on 9/13/2007 - Open well w/ 80 psi on casing. Pickup prime pump. TIH w/ 2-1/2" x 1-1/2" x 12' x 15' RHAC CDI new pump w/118" SL, 6- 1-1/2" Weight rods, 20- 3/4" guided Inspected rods, 86- 3/4" plain rods (new), 99- 3/4" guided rods (new), 8', 2' pony rods, 1-1/2" x 22' polish rod (new). Space pump. Test tbg & pump to 800 psi w/ 2 bbls water. RDMOSU. POP @ 11AM w/ 74" SL @ 5 spm. Final Report.

Pertinent Files: Go to File List

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

1b. TYPE OF WELL

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other _____

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface 964' FSL & 297' FEL (SE/SE) Sec. 18, T9S, R16E

At top prod. Interval reported below

At total depth

14. API NO. 43-013-32922 DATE ISSUED 11/16/06

12. COUNTY OR PARISH Duchesne 13. STATE UT

15. DATE SPUNDED 06/27/07 16. DATE T.D. REACHED 08/26/07 17. DATE COMPL. (Ready to prod.) 09/13/07 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6111' GL 6123' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6050' 21. PLUG BACK T.D., MD & TVD 6002' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY -----> ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* Green River 4674'-5312' 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log 27. WAS WELL CORED No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	317'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6041'	7-7/8"	300 sx Premlite II and 400 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5370'	TA @ 5271'

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(LODC) 5298'-5312'	.49"	4/56	5298'-5312'	Frac w/ 49,689# 20/40 sand in 465 bbls fluid
(A1) 5051'-5066'	.49"	4/60	5051'-5066'	Frac w/ 79,844# 20/40 sand in 628 bbls fluid
(D2 & 1) 4727'-4732', 4674'-4680'	.43"	4/44	4674'-4732'	Frac w/ 31,828# 20/40 sand in 394 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION 09/13/07 PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 12' x 15' RHAC SM Plunger Pump WELL STATUS (Producing or shut-in) PRODUCING

DATE OF TEST 10 day ave HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL--BBL. GAS--MCF. WATER--BBL. GAS-OIL RATIO

-----> 17 14 68 824

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL-BBL. GAS MCF. WATER--BBL. OIL GRAVITY-API (CORR.)

----->

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold & Used for Fuel OCT 12 2007 TEST WITNESSED BY

35. LIST OF ATTACHMENTS DIV. OF OIL, GAS & MINING

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Jerry Park TITLE Production Clerk DATE 10/10/2007

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Federal 16-18-9-16	Garden Gulch Mkr	3656'	
				Garden Gulch 1	3877'	
				Garden Gulch 2	3982'	
				Point 3 Mkr	4228'	
				X Mkr	4494'	
				Y-Mkr	4525'	
				Douglas Creek Mkr	4639'	
				BiCarbonate Mkr	4846'	
				B Limestone Mkr	4964'	
				Castle Peak	5552'	
				Basal Carbonate	5996'	
				Total Depth (LOGGERS)	6056'	

NEWFIELD



Newfield Exploration Company

1001 17th Street | Suite 2000

Denver, Colorado 80202

PH 303-893-0102 | FAX 303-893-0103

December 5, 2013

Mr. Mark Reinbold
State of Utah
Division of Oil, Gas and Mining
1594 W North Temple
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Federal #16-18-9-16
Monument Butte Field, Lease #UTU-64379
Section 18-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #16-18-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

Jill L. Loyle
Regulatory Associate

RECEIVED
DEC 06 2013
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #16-18-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-64379
DECEMBER 5, 2013

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ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR	Newfield Production Company
ADDRESS	1001 17th Street, Suite 2000
	Denver, Colorado 80202

Well Name and number:	Federal #16-18-9-16										
Field or Unit name:	Monument Butte (Green River)							Lease No.	UTU-64379		
Well Location:	QQ	SESE	section	18	township	9S	range	16E	county	Duchesne	

Is this application for expansion of an existing project? Yes [X] No []

Will the proposed well be used for:	Enhanced Recovery?	Yes [X]	No []
	Disposal?	Yes []	No [X]
	Storage?	Yes []	No [X]

Is this application for a new well to be drilled? Yes [] No [X]

If this application is for an existing well,
has a casing test been performed on the well? Yes [] No [X]


Date of test: _____
API number: 43-013-32922

Proposed injection interval: from 3982 to 6002
Proposed maximum injection: rate 500 bpd pressure 1944 psig
Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name:	Jill L. Loyle	Signature	
Title	Regulatory Associate	Date	12/5/13
Phone No.	303-383-4135		

(State use only)

Application approved by _____ Title _____

Approval Date _____

Comments:

FEDERAL 16-18-9-16

Spud Date: 06/27/07
Put on Production: 09/13/07
GL: 6111' KB: 6123'

Initial Production: BOPD,
MCFD, BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (305.53')
DEPTH LANDED: 317.38' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 139 jts. (6028.19')
DEPTH LANDED: 6041.44' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP: 70'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 167 jts (5259.32')
TUBING ANCHOR: 5271.32' KB
NO. OF JOINTS: 1 jts (31.54')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5305.66' KB
NO. OF JOINTS: 2 jts (62.65')
TOTAL STRING LENGTH: EOT @ 5369.86' KB

FRAC JOB

09/10/07 5704-5716' **Frac LODC sands as follows:**
49689# 20/40 sand in 465 bbls Lightning 17
frac fluid. Treated @ avg press of 1986 psi
w/avg rate of 24.7 BPM. ISIP 2376 psi. Calc
flush: 5702 gal. Actual flush: 4830 gal.

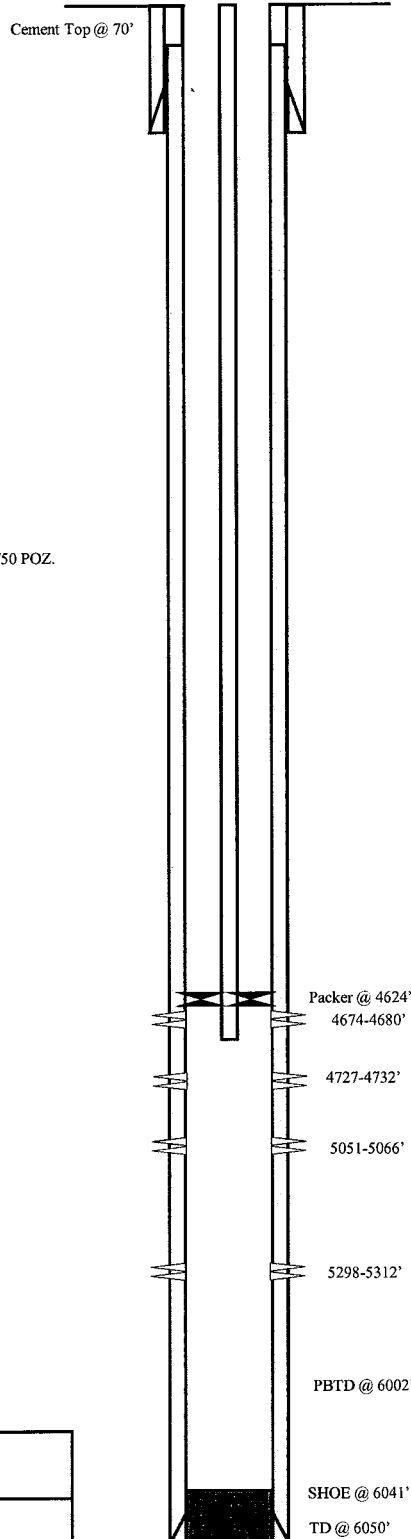
09/10/07 5051-5066' **Frac A1 sands as follows:**
79844# 20/40 sand in 628 bbls Lightning 17
frac fluid. Treated @ avg press of 2030 psi
w/avg rate of 24.8 BPM. ISIP 2400 psi. Calc
flush: 4999 gal. Actual flush: 4578 gal.

09/12/07 4674-4732' **Frac D2 & D1 sands as follows:**
31828# 20/40 sand in 394 bbls Lightning 17
frac fluid. Treated @ avg press of 1974 psi
w/avg rate of 24.8 BPM. ISIP 1974 psi. Calc
flush: 4672 gal. Actual flush: 4578 gal.

1-10-08 Pump Change. Updated rod & tubing details.
1/14/09 Pump Change. Updated rod & tubing details.

PERFORATION RECORD

09/11/07 5298-5312' 4 JSPF 56 holes
09/11/07 5051-5066' 4 JSPF 60 holes
09/11/07 4727-4732' 4 JSPF 20 holes
09/11/07 4674-4680' 4 JSPF 24 holes



FEDERAL 16-18-9-16

964'FSL & 297' FEL

SE/SE Section 18-T9S-R16E

Duchesne Co, Utah

API #43-013-32922; Lease # UTU-64379

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**
 - 2.1 The name and address of the operator of the project.**

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202
 - 2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.
 - 2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the Federal #16-18-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.
 - 2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.
 - 2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Federal #16-18-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3982' - 6002'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3656' and the TD is at 6050'.
 - 2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Federal #16-18-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-64379) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.
 - 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
 - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refilled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 317' KB, and 5-1/2", 15.5# casing run from surface to 6041' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
 - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
 - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

2.8 The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1944 psig.

2.9 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Federal #16-18-9-16, for existing perforations (4674' - 5716') calculates at 0.86 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1944 psig. We may add additional perforations between 3656' and 6050'. See Attachments G and G-1.

2.10 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Federal #16-18-9-16, the proposed injection zone (3982' - 6002') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.11 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-12.

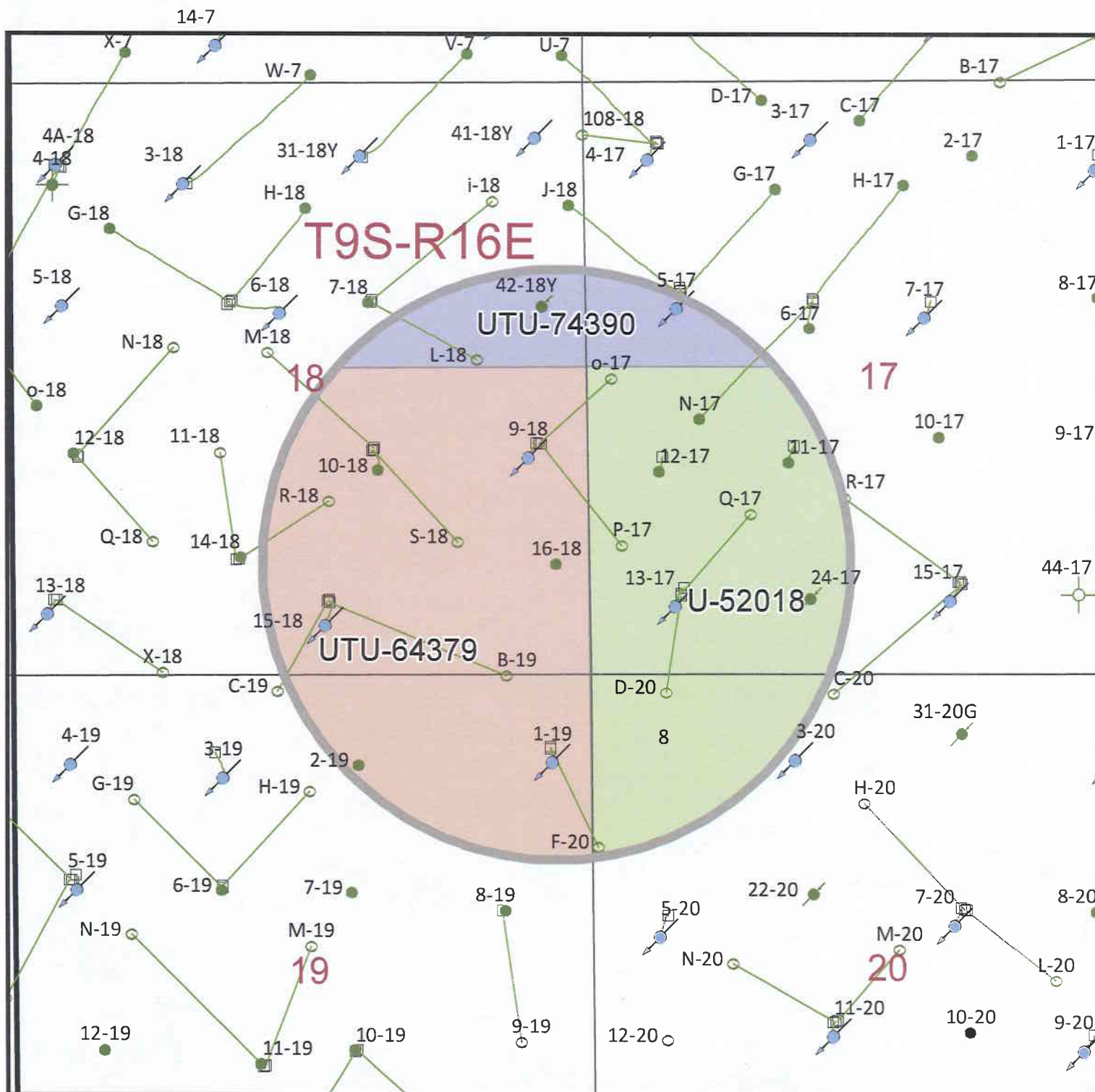
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.12 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.13 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.



Lease Number

- U-52018
- UTU-64379
- UTU-74390

Half-Mile Buffer

Well Status

- Location
- CTI
- Surface Spud
- Drilling
- Waiting on Completion
- Producing Oil Well
- Producing Gas Well
- Water Injection Well
- Dry Hole
- Temporarily Abandoned
- Plugged & Abandoned
- Shut In
- Well Surface Location

Federal 16-18-9-16
Section 18, T9S-R16E



1/2 Mile Radius Map

Duchesne County

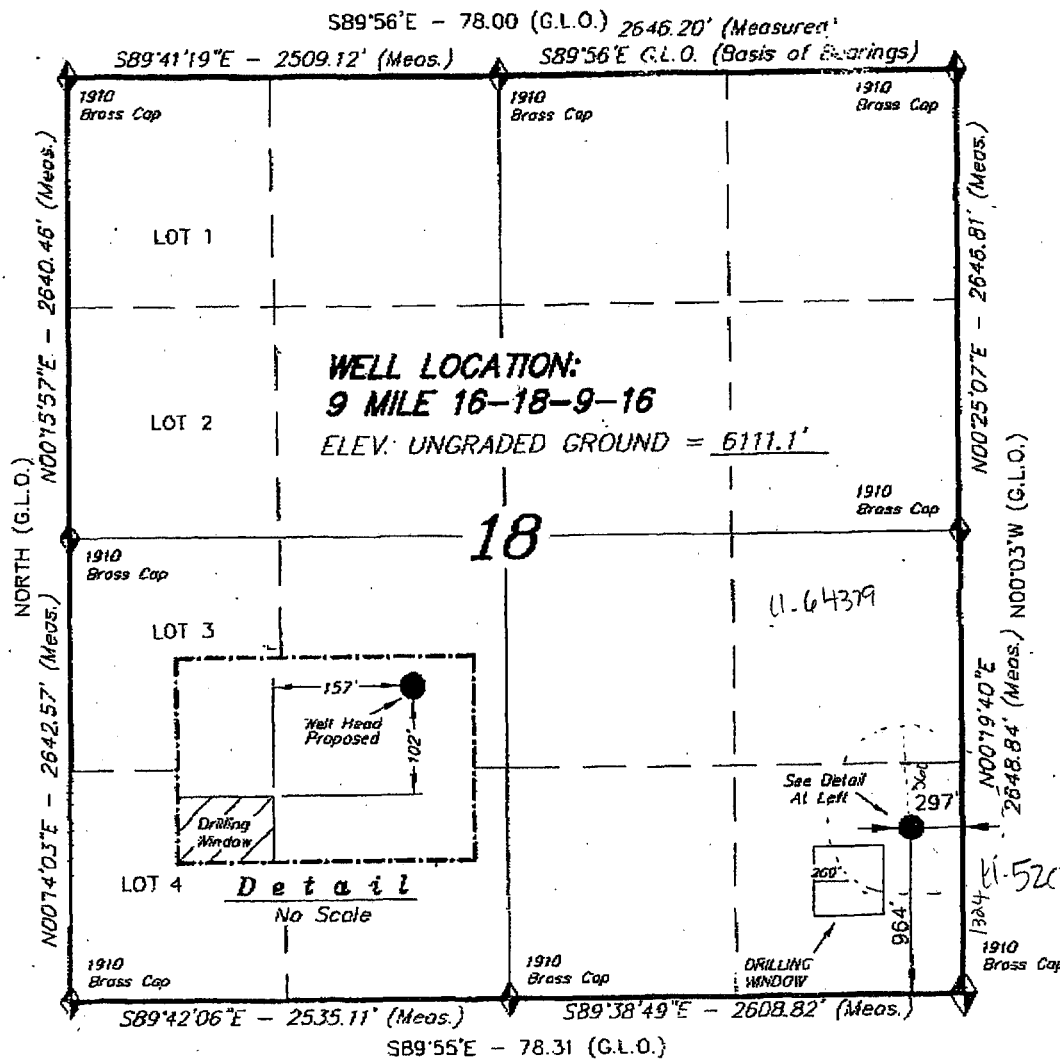
1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 693-0102


Nov. 7, 2013

T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 16-18-9-16,
LOCATED AS SHOWN IN THE SE 1/4 SE
1/4 OF SECTION 18, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



 = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)



THIS IS TO CERTIFY THAT THE ABOVE DEED WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEY
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST
KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
No. 189377
STACY W.
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: C.M.

DATE: 9-9-05

DRAWN BY: F.T.M.

NOTES:

FILE #

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 17: S2 Section 20: N2	USA UTU-52018 HBP	Newfield Production Company Newfield RMI LLC	USA
2	T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, LOTS 3,4 Section 19: NE, E2NW, LOTS 1,2 Section 21: N2 Section 22: W2NE, SENE, NW	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corp	USA
3	T9S-R16E SLM Section 6: All Section 7: All Section 8: W2 Section 17: NW Section 18: NE, E2NW, Lot1,2	USA UTU-74390 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corporation MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corporation	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #16-18-9-16

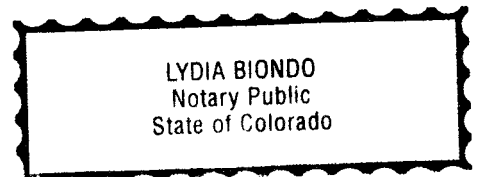
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: Jill L. Loyle
Newfield Production Company
Jill L. Loyle
Regulatory Associate

Sworn to and subscribed before me this 5th day of December, 2013.

Notary Public in and for the State of Colorado: Lydia Biondo

My Commission Expires: 12/31/15



FEDERAL 16-18-9-16

Spud Date: 06/27/07
 Put on Production: 09/13/07
 GL: 6111' KB: 6123'

Wellbore Diagram

Initial Production: BOPD,
 MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (305.53')
 DEPTH LANDED: 317.38' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 139 jts. (6028.19')
 DEPTH LANDED: 6041.44' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP: 70'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 167 jts (5259.32')
 TUBING ANCHOR: 5271.32' KB
 NO. OF JOINTS: 1 jts (31.54')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5305.66' KB
 NO. OF JOINTS: 2 jts (62.65')
 TOTAL STRING LENGTH: EOT @ 5369.86' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM polished rods
 SUCKER RODS: 1-2', & 1-8' x 3/4" pony rods, 99-3/4" guided rods, 86-3/4" slick rods, 20-3/4" guided rods, 6-1 1/2" weight rods.
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12 x 15' RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, 5 SPM:

FRAC JOB

09/10/07 5704-5716' **Frac LODC sands as follows:**
 49689# 20/40 sand in 465 bbls Lightning 17 frac fluid. Treated @ avg press of 1986 psi w/avg rate of 24.7 BPM. ISIP 2376 psi. Calc flush: 5702 gal. Actual flush: 4830 gal.

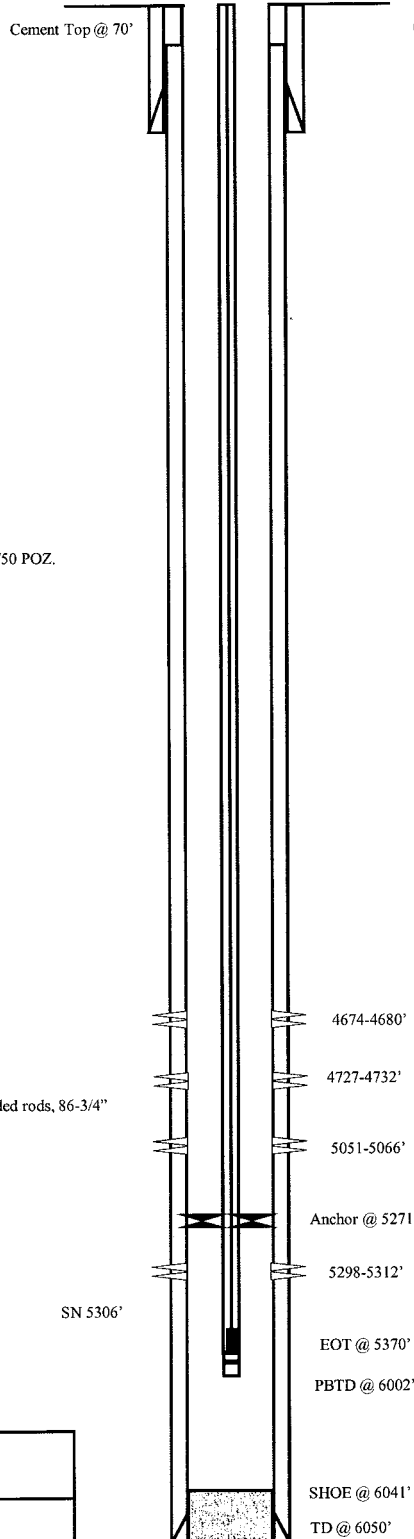
09/10/07 5051-5066' **Frac A1 sands as follows:**
 79844# 20/40 sand in 628 bbls Lightning 17 frac fluid. Treated @ avg press of 2030 psi w/avg rate of 24.8 BPM. ISIP 2400 psi. Calc flush: 4999 gal. Actual flush: 4578 gal.

09/12/07 4674-4732' **Frac D2 & D1 sands as follows:**
 31828# 20/40 sand in 394 bbls Lightning 17 frac fluid. Treated @ avg press of 1974 psi w/avg rate of 24.8 BPM. ISIP 1974 psi. Calc flush: 4672 gal. Actual flush: 4578 gal.

1-10-08 Pump Change. Updated rod & tubing details.
 1/14/09 Pump Change. Updated rod & tubing details.

PERFORATION RECORD

09/11/07 5298-5312' 4 JSPF 56 holes
 09/11/07 5051-5066' 4 JSPF 60 holes
 09/11/07 4727-4732' 4 JSPF 20 holes
 09/11/07 4674-4680' 4 JSPF 24 holes

**NEWFIELD****FEDERAL 16-18-9-16**

964' FSL & 297' FEL

SE/SE Section 18-T9S-R16E

Duchesne Co, Utah

API #43-013-32922; Lease # UTU-64379

Federal 11-17-9-16

Spud Date: 08/21/06
Put on Production: 09/28/06
K.B.: 6013' G.L.: 6001'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.79')
DEPTH LANDED: 322.64' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G", circ. 6 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 140 jts. (6008.45')
DEPTH LANDED: 6021.70' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 80' per CBL 9/13/06

TUBING (GI 3/3/11)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 138 jts (4368.76')
TUBING ANCHOR: 4380.76'
NO. OF JOINTS: 1 jts (31.3')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4414.86'
NO. OF JOINTS: 1 jts (31.7')
GAS ANCHOR: 4447.66'
2 7/8" NIPPLE: 4462.66'
NO. OF JOINTS: 5 jts (158.7')
BULL PLUG: 2-7/8" (0.8')
TOTAL STRING LENGTH: EOT @ 4622.36'

SUCKER RODS (GI 3/3/11)

POLISHED ROD: 1 1/2" x 26'
SUCKER RODS: 2', 8' x 3/4" pony rods, 75 x 7/8" guided rods(4per),
93 x 3/4" guided rods(4per), 6 x 1-1/2" sinker rods.
PUMP SIZE: 2-1/2" x 1-3/4" x 16' x 20' RTBC
STROKE LENGTH: 86"
PUMP SPEED, SPM: .8
PUMPING UNIT: DARCO C-228-213-86

FRAC JOB

09/19/06	5873-5906'	Frac CP5 sands as follows: 30146# 20/40 sand in 375 bbls Lightning 17 frac fluid. Treated @ avg press of 2325 psi w/avg rate of 25.3 BPM. ISIP 2450 psi. Calc flush: 5904 gal. Actual flush: 5376 gal.
09/19/06	5532-5580'	Frac CP1, CP.5 sands as follows: 55661# 20/40 sand in 468 bbls Lightning 17 frac fluid. Treated @ avg press of 1650 psi w/avg rate of 25.3 BPM. ISIP 1975 psi. Calc flush: 5578 gal. Actual flush: 5040 gal.
09/19/06	5130-5214'	Frac LODC sands as follows: 90266# 20/40 sand in 656 bbls Lightning 17 frac fluid. Treated @ avg press of 2135 psi w/avg rate of 25.2 BPM. ISIP 2375 psi. Calc flush: 5212 gal. Actual flush: 4662 gal.
09/20/06	4893-5026'	Frac A1, A.5, B2 sands as follows: 60197# 20/40 sand in 479 bbls Lightning 17 frac fluid. Treated @ avg press of 1950 psi w/avg rate of 25 BPM. ISIP 2200 psi. Calc flush: 5024 gal. Actual flush: 4410 gal.
09/20/06	4761-4801'	Frac B.5, C sands as follows: 50215# 20/40 sand in 423 bbls Lightning 17 frac fluid. Treated @ avg press of 2225 psi w/avg rate of 28.2 BPM. ISIP 2475 psi. Calc flush: 4799 gal. Actual flush: 4284 gal.
09/20/06	4634-4644'	Frac D1 sands as follows: 28453# 20/40 sand in 385 bbls Lightning 17 frac fluid. Treated @ avg press of 2311 psi w/avg rate of 14.4 BPM. ISIP 2900 psi. Calc flush: 4642 gal. Actual flush: 4436 gal.
7/25/07		Pump change. Updated rod & tubing details.
10/09/08		Pump Change. Rod & tubing updated.
10/8/09		Tubing Leak. Updated rod & tubing details.
12/6/10	4179-4320'	Frac PB8 & GB6 sands as follows: 68964# 20/40 sand in 426 bbls Lightning 17 fluid.
12/11/10		Re-Completion finalized – update rod & tbg detail.
1/12/2011		Tubing Leak. Update rod and tubing details
03/04/11		Stuck Pump. Rod & tubing details updated.

PERFORATION RECORD

09/13/06	5900-5906'	4 JSPF	24 holes
09/13/06	5873-5881'	4 JSPF	32 holes
09/19/06	5570-5580'	4 JSPF	40 holes
09/19/06	5532-5544'	4 JSPF	48 holes
09/19/06	5201-5214'	4 JSPF	52 holes
09/19/06	5160-5166'	4 JSPF	24 holes
09/19/06	5130-5137'	4 JSPF	28 holes
09/19/06	5019-5026'	4 JSPF	28 holes
09/19/06	4968-4974'	4 JSPF	24 holes
09/19/06	4893-4899'	4 JSPF	24 holes
09/20/06	4795-4801'	4 JSPF	24 holes
09/20/06	4761-4768'	4 JSPF	28 holes
09/20/06	4634-4644'	4 JSPF	40 holes
12/6/10	4318-4320'	3 JSPF	6 holes
12/6/10	4307-4310'	3 JSPF	9 holes
12/6/10	4296-4298'	3 JSPF	6 holes
12/6/10	4179-4181'	3 JSPF	6 holes

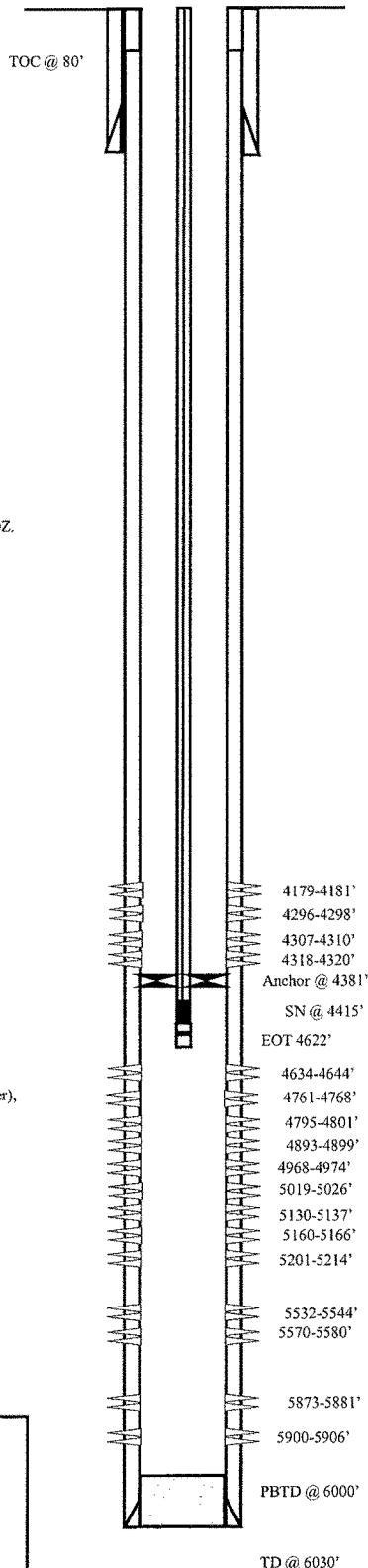
NEWFIELD**Federal 11-17-9-16**

2022' FSL & 1854' FWL

NE/SW Section 17-T9S-R16E

Duchesne Co, Utah

API #43-013-33034; Lease #UTU-52018



Spud Date: 8-17-06
 Put on Production: 9-19-06
 GL: 6046' KB: 6058'

Federal 12-17-9-16

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (311.66')
 DEPTH LANDED: 323.51' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts. (6012.04')
 DEPTH LANDED: 6025.87' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 324 sxs Prem. Lite II mixed & 451 sxs 50/50 POZ.
 CEMENT TOP AT: 190'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 165 jts (5190.4')
 TUBING ANCHOR: 5190.4' KB
 NO. OF JOINTS: 1 jts (31.60')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5224.8' KB
 NO. OF JOINTS: 2 jts (63.3')
 TOTAL STRING LENGTH: EOT @ 5290' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 10 - 3/4" guided rods, 93 - 3/4" plain rods,
 101 - 3/4" guided rods, 6 - 1 1/2" weight rods.
 PUMP SIZE: 2-1/2" x 1-3/4" x 16" x 20" RHAC
 STROKE LENGTH: 84"
 PUMP SPEED, SPM: 5 SPM

FRAC JOB

09-13-06 5113-5247' **Frac LODC sands as follows:**
 174414# 20/40 sand in 1154 bbls Lightning
 17 frac fluid. Treated @ avg press of 1707 psi
 w/avg rate of 24.9 BPM. ISIP 2050 psi. Calc
 flush: 5111 gal. Actual flush: 4620 gal.

09-13-06 4980-4990' **Frac A1 sands as follows:**
 34935# 20/40 sand in 386 bbls Lightning 17
 frac fluid. Treated @ avg press of 2372 psi
 w/avg rate of 24.9 BPM. ISIP 2550 psi. Calc
 flush: 4978 gal. Actual flush: 4746 gal.

02/19/07 **Pump Change.** Update rod and tubing details.
 03/30/07 **Pump Change.** Rod & Tubing detail updated

02/11/11 4201-4338' **Frac PB8 & GB6 sands as follows:** 47662#
 20/40 sand in 294 bbls Lightning 17 fluid.

02/15/11 **Recompletion Finalized** - update rod and tbg
 detail.

PERFORATION RECORD

09-08-06	5234-5247'	4 JSPF	52 holes
09-08-06	5185-5207'	4 JSPF	88 holes
09-08-06	5157-5165'	4 JSPF	32 holes
09-08-06	5113-5131'	4 JSPF	72 holes
09-13-06	4980-4990'	4 JSPF	40 holes
02-11-11	4328-4338'	3 JSPF	30 holes
02-11-11	4201-4203'	3 JSPF	6 holes

Cement top @ 190'

EOT @ 5290'

PBTD @ 5980'

SHOE @ 6025'

TD @ 6050'



Federal 12-17-9-16

1919' FSL & 668' FWL

NW/SW Section 17-T9S-R16E

Duchesne Co, Utah

API # 43-013-33035; Lease # UTU-52018

Federal 13-17-9-16

Spud Date: 8-3-06

Put on Production: 9-14-06

GL: 6049' KB: 6061'

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (310.19')

DEPTH LANDED: 322.04' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 136 jts. (5969.67')

DEPTH LANDED: 5982.92' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

CEMENT TOP AT: 190'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

TUBING PUP: 1 jt (6.0')

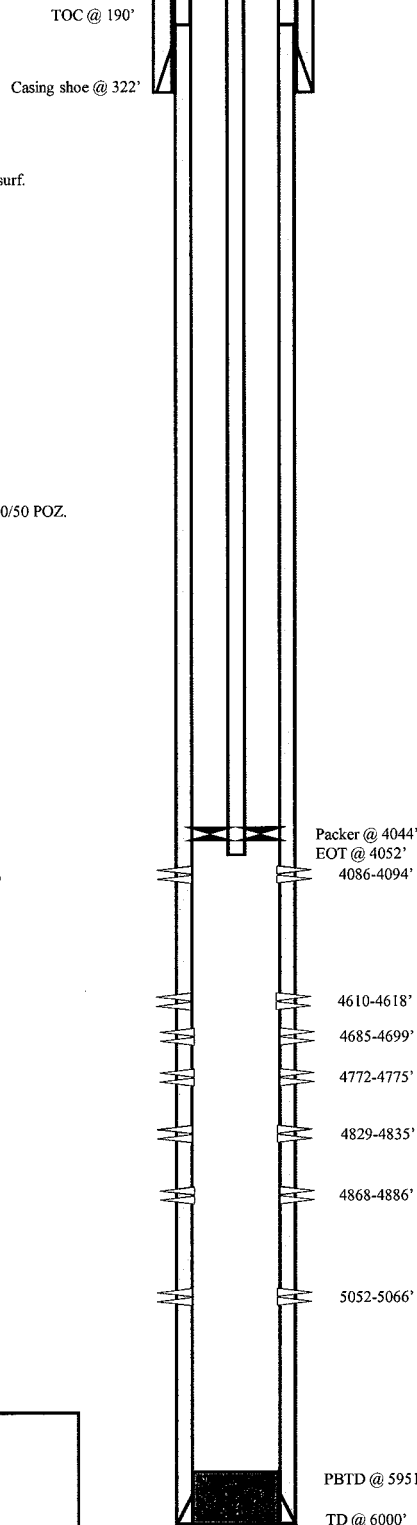
NO. OF JOINTS: 127jts (5026')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4043.2' KB

PACKER: 4044.3'

TOTAL STRING LENGTH: EOT @ 4052' KB

FRAC JOB

09-08-06	5052-5066'	Frac A3 sands as follows: 53799# 20/40 sand in 457 bbls Lightning 17 frac fluid. Treated @ avg press of 1879 psi w/avg rate of 24.8 BPM. ISIP 2050 psi. Calc flush: 5050 gal. Actual flush: 4536 gal.
09-08-06	4829-4886'	Frac B2, & B1 sands as follows: 84971# 20/40 sand in 616 bbls Lightning 17 frac fluid. Treated @ avg press of 1856 psi w/avg rate of 24.9 BPM. ISIP 2250 psi. Calc flush: 4827 gal. Actual flush: 4326 gal.
09-08-06	4610-4699'	Frac D2, & D1 sands as follows: 70145# 20/40 sand in 528 bbls Lightning 17 frac fluid. Treated @ avg press of 1827 psi w/avg rate of 24.8 BPM. ISIP 1800 psi. Calc flush: 4608 gal. Actual flush: 4032 gal.
09-08-06	4086-4094'	Frac GB4 sands as follows: 29228# 20/40 sand in 327 bbls Lightning 17 frac fluid. Treated @ avg press of 1944 w/ avg rate of 24.9 BPM. ISIP 1640 psi. Calc flush: 4084 gal. Actual flush: 3990 gal.
1-10-08		Pump Change. Updated rod & tubing details.
04/04/11		Tubing leak. Rod & tubing updated.
05/08/12	4772-4775'	Frac C sands as follows: 23718# 20/40 sand in 309 bbls Lightning 17 frac fluid.
05/11/12		Convert to Injection Well
05/15/12		Conversion MIT Finalized – update tbg detail

PERFORATION RECORD

09-01-06	5052-5066'	4 JSPF	56 holes
09-08-06	4868-4886'	4 JSPF	72 holes
09-08-06	4829-4835'	4 JSPF	24 holes
09-08-06	4685-4699'	4 JSPF	56 holes
09-08-06	4610-4618'	4 JSPF	32 holes
09-08-06	4086-4094'	4 JSPF	32 holes
05/07/12	4772-4775'	3 JSPF	9 holes

NEWFIELD**Federal 13-17-9-16**

746' FSL & 842' FWL

SW/SW Section 17-T9S-R16E

Duchesne Co, Utah

API # 43-013-33036; Lease # UTU-52018

Federal 1-19-9-16

Spud Date: 7-25-07

Put on Production: 09-11-07

GL: 6123' KB: 6135'

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (295.87')

DEPTH LANDED: 306.47' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 154 jts. (5969.80')

DEPTH LANDED: 5983.05' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.

CEMENT TOP AT: 79'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 126 jts (3967.2')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 3979.2' KB

ON/OFF TOOL AT: 3980.3'

ARROW #1 PACKER CE AT: 3985'

XO 2-3/8 x 2-7/8 J-55 AT: 3989.1'

TBG PUP 2-3/8 J-55 AT: 3989.6'

X/N NIPPLE AT: 3993.7'

TOTAL STRING LENGTH: EOT @ 3995'

FRAC JOB

09-05-07 5549-5556'

Frac CPI sands as follows:

15110# 20/40 sand in 296 bbls Lightning 17 frac fluid. Treated @ avg press of 2353 psi w/avg rate of 24.9 BPM. ISIP 2692 psi. Calc flush: 5547 gal. Actual flush: 5040 gal.

09-05-07 5232-5247'

Frac LODC sands as follows:

50233# 20/40 sand in 463 bbls Lightning 17 frac fluid. Treated @ avg press of 2511 psi w/avg rate of 24.8 BPM. ISIP 2464 psi. Calc flush: 5230 gal. Actual flush: 4746 gal.

09-05-07 4990-5010'

Frac A1 sands as follows:

20077# 20/40 sand in 311 bbls Lightning 17 frac fluid. Treated @ avg press of 2085 psi w/avg rate of 24.7 BPM. ISIP 2373 psi. Calc flush: 4988 gal. Actual flush: 4536 gal.

09-05-07 4878-4891'

Frac B2 sand as follows:

49985# 20/40 sand in 456 bbls Lightning 17 frac fluid. Treated @ avg press of 1957 w/ avg rate of 24.8 BPM. ISIP 2153 psi. Calc flush: 4876 gal. Actual flush: 4410 gal.

09-06-07 4781-4788'

Frac C sand as follows:

19649# 20/40 sand in 311 bbls Lightning 17 frac fluid. Treated @ avg press of 2398 w/ avg rate of 24.7 BPM. ISIP 2579 psi. Calc flush: 4779 gal. Actual flush: 4326 gal.

09-06-07 4696-4706'

Frac D2 sand as follows:

40012# 20/40 sand in 408 bbls Lightning 17 frac fluid. Treated @ avg press of 1750 w/ avg rate of 24.8 BPM. ISIP 2092 psi. Calc flush: 4694 gal. Actual flush: 4242 gal.

09-06-07 4620-4629'

Frac D1 sand as follows:

30099# 20/40 sand in 389 bbls Lightning 17 frac fluid. Treated @ avg press of 1725 w/ avg rate of 24.8 BPM. ISIP 2003 psi. Calc flush: 4618 gal. Actual flush: 4074 gal.

09-06-07 4055-4062'

Frac GB2 sand as follows:

22242# 20/40 sand in 321 bbls Lightning 17 frac fluid. Treated @ avg press of 1516 w/ avg rate of 24.8 BPM. ISIP 1371 psi. Calc flush: 4053 gal. Actual flush: 3948 gal.

Convert to Injection WellConversion MIT Finalized -update tbg detail

SN @ 3979'

On Off Tool @ 3980'

Packer 3985'

X/N Nipple @ 3994'
EOT @ 3995'4055-4062' 09/25/12
09/27/12

4620-4629'

4696-4706'

4781-4788'

4878-4891'

4990-4996'

5003-5010'

5232-5247'

5549-5556'

PBSD @ 5943'

SHOE @ 5983'

TD @ 6000'

PERFORATION RECORD

08-29-07	5549-5556'	4 JSPF	28 holes
09-05-07	5232-5247'	4 JSPF	60 holes
09-05-07	5003-5010'	4 JSPF	28 holes
09-05-07	4990-4996'	4 JSPF	24 holes
09-05-07	4878-4891'	4 JSPF	52 holes
09-05-07	4781-4788'	4 JSPF	28 holes
09-06-07	4696-4706'	4 JSPF	40 holes
09-06-07	4620-4629'	4 JSPF	36 holes
09-06-07	4055-4062'	4 JSPF	28 holes

NEWFIELD**Federal 1-19-9-16**

688' FNL & 355' FEL

NE/NE Section 19-T9S-R16E

Duchesne Co, Utah

API # 43-013-33062; Lease # UTU-64379

Federal 2-19-9-16

Spud Date: 5/21/2009
 Put on Production: 6/30/2009
 GL: 5966' KB: 5978'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (276')
 DEPTH LANDED: 328'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 220 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 145 jts. (5772')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5799.81'
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 88'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 173 jts (5323')
 TUBING ANCHOR: 5337'
 NO. OF JOINTS: 1 jts (30.9')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5371' KB
 NO. OF JOINTS: 2 jts (61.7')
 TOTAL STRING LENGTH: EOT @ 5434'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 1 - 4' x 3/4" pony rods, 101 - 3/4" guided rods, 87 - 3/4" sucker rods, 20 - 3/4" guided rods, 6 - 1 1/2" weight bars
 PUMP SIZE: 2 1/2 x 1 1/2 x 20" RHAC
 STROKE LENGTH: 100
 PUMP SPEED: SPM 5

FRAC JOB

7-1-09	5348-5354'	Frac CPl sands as follows: Frac with 19980# 20/40 sand in 165 bbls Lightning 17 fluid.
7-1-09	5082-5099'	Frac LODC sands as follows: Frac with 25343# 20/40 sand in 207 bbls Lightning 17 fluid.
7-1-09	4820-4838'	Frac A1 sands as follows: Frac with 25225# 20/40 sand in 206 bbls Lightning 17 fluid.
7-1-09	4679-4685'	Frac B1 sands as follows: Frac with 31161# 20/40 sand in 248 bbls Lightning 17 fluid.
7-1-09	4436-4444'	Frac D1 sands as follows: Frac with 81584# 20/40 sand in 472 bbls Lightning 17 fluid.
7-1-09	3982-3998'	Frac GB6 sands as follows: Frac with 85303# 20/40 sand in 491 bbls Lightning 17 fluid.

Cement Top @ 88'

SN @ 5371'

3982-3985'

3993-3998'

4436-4444'

4679-4685'

4820-4824'

4835-4838'

5082-5085'

5095-5099'

Anchor @ 5337'

EOT @ 5434'

5348-5354'

PBSD @ 5784'

SHOE @ 5800'

TD @ 5810'

PERFORATION RECORD

5348-5354'	3 JSPF	18 holes
5095-5099'	3 JSPF	12 holes
5082-5085'	3 JSPF	9 holes
4835-4838'	3 JSPF	9 holes
4820-4824'	3 JSPF	12 holes
4679-4685'	3 JSPF	18 holes
4436-4444'	3 JSPF	24 holes
3993-3998'	3 JSPF	15 holes
3982-3985'	3 JSPF	9 holes

NEWFIELD

Federal 2-19-9-16
 821' FNL & 2093' FEL NW/NE
 Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33063; Lease #UTU-64379

FEDERAL 15-18-9-16

Spud Date: 09/18/07

Put on Production: 10/16/07

GL: 6049' KB: 6061'

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (312.36')

DEPTH LANDED: 324.21' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 1- 160, 2-300 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 154 jts. (5986.37')

DEPTH LANDED: 5999.62' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

CEMENT TOP: 30'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

TUBING 1 jt 2-7/8" N-80 (31.2')

TBG SUB 2-7/8 N-80 (6.2')

TBG SUB 2-7/8 J-55 (6.2')

NO. OF JOINTS: 146 jts (4492.9')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4548.6' KB

ON/OFF TOOL AT: 4549.7'

ARROW #1 PACKER CE AT: 4554.41'

XO 2-3/8 x 2-7/8 J-55 AT: 4558.1'

TBG SUB 2-3/8 J-55 AT: 4558.6'

X/N NIPPLE AT: 4564.8'

TOTAL STRING LENGTH: EOT @ 4566'

FRAC JOB

10/11/07 5649-5658'

Frac CP3 sands as follows:

15067# 20/40 sand in 290 bbls Lightning 17 frac fluid. Treated @ avg press of 2158 psi w/avg rate of 24.8 BPM. ISIP 1805 psi. Calc flush: 5647 gal. Actual flush: 5166 gal.

10/11/07 5236-5272'

Frac LODC sands as follows:

159885# 20/40 sand in 1115 bbl Lightning 17 frac fluid. Treated @ avg press of 1955 psi w/avg rate of 24.8 BPM. ISIP 2340 psi. Calc flush: 5234 gal. Actual flush: 4746 gal.

10/11/07 4976-4985'

Frac A1 sands as follows:

34607# 20/40 sand in 423 bbls Lightning 17 frac fluid. Treated @ avg press of 2543 psi w/avg rate of 29.9 BPM. ISIP 3582 psi. Calc flush: 4974 gal. Actual flush: 4494 gal.

10/11/07 4828-4837'

Frac B1 sands as follows:

15082# 20/40 sand in 267 bbls Lightning 17 frac fluid. Treated @ avg press of 2075 psi w/avg rate of 24.8 BPM. ISIP 1935 psi. Calc flush: 4826 gal. Actual flush: 4326 gal.

10/11/07 4584-4598'

Frac D1 sands as follows:

47763# 20/40 sand in 455 bbls Lightning 17 frac fluid. Treated @ avg press of 1975 psi w/avg rate of 24.8 BPM. ISIP 2078 psi. Calc flush: 4582 gal. Actual flush: 4491 gal.

12-31-07

Pump Change. Updated rod & tubing details.

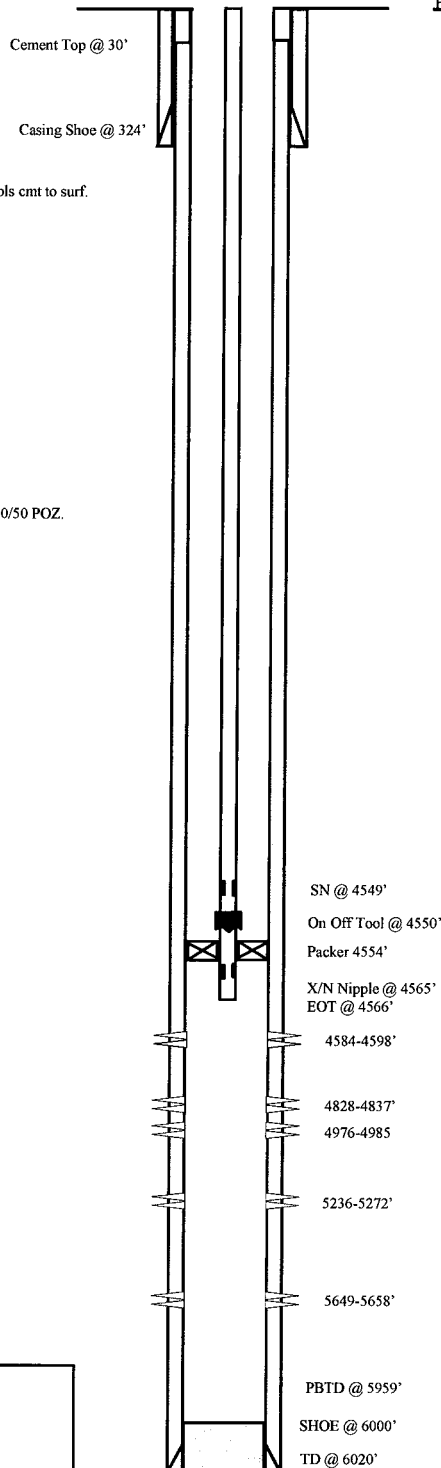
10/22/12

Convert to Injection Well

10/23/12

Conversion MIT Finalized - update tbg detailPERFORATION RECORD

10/11/07	4584-4598'	4 JSPF	56 holes
10/11/07	4828-4837'	4 JSPF	36 holes
10/11/07	4976-4985'	4 JSPF	36 holes
10/11/07	5236-5272'	4 JSPF	144 holes
10/11/07	5649-5658'	4 JSPF	36 holes



NEWFIELD

BELUGA FEDERAL 15-18-9-16

657'FSL & 2350' FEL

SW/SE Section 18-T9S-R16E

Duchesne Co, Utah

API #43-013-33001; Lease # UTU-64379

FEDERAL 10-18-9-16

Spud Date: 05/18/07

Put on Production: 6/21/07

GL: 5921' KB: 5933'

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (314.33')

DEPTH LANDED: 324.33' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, circ 2 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 135 jts. (5900.07')

DEPTH LANDED: 5882.14' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 325 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.

CEMENT TOP: 17' per CBL 6/13/7

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 124 jts (3867.1')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 3879.1' KB

ON/OFF TOOL AT: 3880.2'

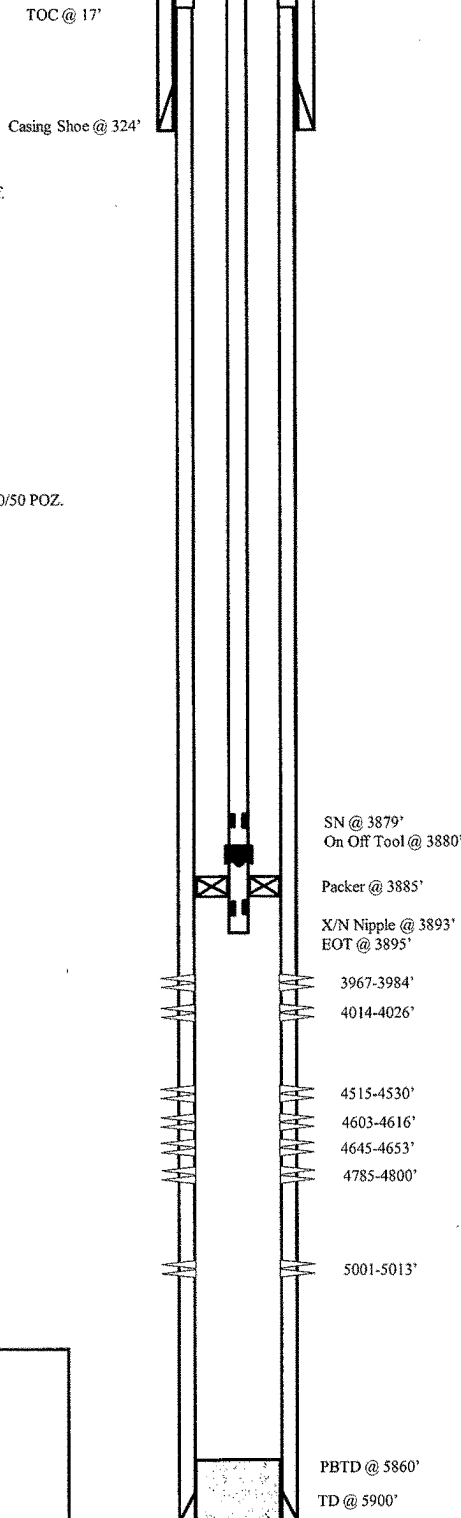
ARROW #1 PACKER CE AT: 3884.9'

XO 2-3/8 x 2-7/8 J-55 AT: 3888.6'

TBG PUP 2-3/8 J-55 AT: 3889.1'

X/N NIPPLE AT: 3893.3'

TOTAL STRING LENGTH: EOT @ 3894.89'

FRAC JOB

06/18/07	5001-5013'	Frac A3 sands as follows: 50726# 20/40 sand in 445 bbls Lightning 17 frac fluid. Treated @ avg press of 3230 psi w/avg rate of 24.2 BPM. ISIP 3789 psi. Calc flush: 4999 gal. Actual flush: 4536 gal.
06/18/07	4785-4800'	Frac B2 sands as follows: 70146# 20/40 sand in 555 bbls Lightning 17 frac fluid. Treated @ avg press of 3230 psi w/avg rate of 24.2 BPM. ISIP 2160 psi. Calc flush: 4783 gal. Actual flush: 4326 gal.
06/18/07	4603-4653'	Frac D3&C sands as follows: 46884# 20/40 sand in 409 bbls Lightning 17 frac fluid. Treated @ avg press of 3230 psi w/avg rate of 24.2 BPM. ISIP 2165 psi. Calc flush: 4601 gal. Actual flush: 4116 gal.
06/18/07	3967-4026'	Frac GB4&6 sands as follows: 106590# 20/40 sand in 762 bbls Lightning 17 frac fluid. Treated @ avg press of 1767 psi w/avg rate of 24.8 BPM. ISIP 1980 psi. Calc flush: 3965 gal. Actual flush: 3864 gal.
02/25/10		Pump Change. Rod & Tubing updated
10/03/13	4515-4530'	Frac D1 sands as follows: 35000# 20/40 sand in 314 bbls Lightning 17 frac fluid.
10/07/13		Convert to Injection Well
10/08/13		Conversion MIT Finalized – update tbg detail

PERFORATION RECORD

06/12/07	5001-5013'	4 JSPF	48 holes
06/18/07	4785-4800'	4 JSPF	60 holes
06/18/07	4645-4653'	4 JSPF	32 holes
06/18/07	4603-4616'	4 JSPF	52 holes
06/18/07	4014-4026'	4 JSPF	48 holes
06/18/07	3967-3984'	4 JSPF	68 holes
10/01/13	4515-4530'	3 JSPF	45 holes

NEWFIELD

FEDERAL 10-18-9-16

1988' FSL & 1938' FEL
 NW/SE Section 18-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32921; Lease # UTU-64379

FEDERAL 9-18-9-16

Spud Date: 7/31/08

Put on Production: 9/23/08

GL: 5306' KB: 5318'

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (296.14')

DEPTH LANDED: 307.99'

HOLE SIZE: 12-1/4"

CEMENT DATA: To surface with 160 sx Class 'G' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 153 jts (6222.42')

DEPTH LANDED: 6076.98'

HOLE SIZE: 7-7/8"

CEMENT DATA: 350 sx Premlite II and 450 sx 50/50 poz

CEMENT TOP : 137'

TUBING

SIZE/GRADE/WT.: 2 7/8 / 6.5# / J-55

NO. OF JOINTS: 129 jts (4058.8')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4070.8'

ON/OFF TOOL AT: 4071.9'

ARROW #1 PACKER CE AT: 4076.65'

XO 2-3/8 x 2-7/8 J-55 AT: 4080.3'

TBG PUP 2-3/8 J-55 AT: 4080.8'

X/N NIPPLE AT: 4084.9'

TOTAL STRING LENGTH: EOT @ 4087'

Cement Top @ 137'

Casing Shoe @ 308'

SN @ 4071'

On Off Tool @ 4071'

Packer 4077'

X/N Nipple @ 4085'

EOT @ 4087'

4122-4132'

4212-4132'

4352-4358'

4378-4384'

4682-4688'

4936-4942'

4958-4962'

5052-5064'

5166-5182'

5394-5415'

PBTD @ 5994'

TD @ 6150'

FRAC JOB

9/18/07 5394-5415'

Frac LODC sds as follows: 85,173#s of 20/40 sand in 688 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2345 psi w/ ave rate of 24.8 BPM. ISIP 2500 psi.

9/18/07 5166-5182'

Frac A3 sds as follows: 98,499#s of 20/40 sand in 773 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1870 psi w/ ave rate of 24.8 BPM. ISIP 2315 psi.

05/28/08

Pump change. Updated rod and tubing details

8/25/08 5052-5064'

RU BJ & frac A.5 sds as follows: 49,743#s of 20/40 sand in 459 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2143 w/ ave rate of 22.9 bpm w/ 8 ppg of sand. ISIP was 2486.

8/25/08 4958-4962'

RU BJ & frac stage #2 as follows: 29,943#s of 20/40 sand in 390 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1986 w/ ave rate of 23 bpm w/ 6 ppg of sand. ISIP was 1955.

8/25/08 4682-4688'

RU BJ & frac stage #3 as follows: 24,780#s of 20/40 sand in 344 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1984 w/ ave rate of 23 bpm w/ 6 ppg of sand. ISIP was 2000.

8/25/08 4352-4358'

RU BJ & frac stage #4 as follows: 40,471#s of 20/40 sand in 390 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2224 w/ ave rate of 23 bpm w/ 8 ppg of sand. ISIP was 2177.

8/25/08 4212-4226'

RU BJ & frac stage #5 as follows: 40,033#s of 20/40 sand in 391 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1474 w/ ave rate of 23 bpm w/ 8 ppg of sand. ISIP was 1715.

8/25/08 4122-4132'

RU BJ & frac stage #5 as follows: 40,033#s of 20/40 sand in 391 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1474 w/ ave rate of 23 bpm w/ 8 ppg of sand. ISIP was 1715.**Tubing Leak.** Updated rod & tubing details.**Pump Change.** Update rod and tubing details**Pump Change.** Updated rod & tubing detail.**Pump Change:** updated rod & tubing detail**Convert to Injection Well****Conversion MIT Finalized** - update tbg detailPERFORATION RECORD

8/25/08	4122-4132'	4 JSPF	40 holes
8/25/08	4212-4226'	4 JSPF	56 holes
8/25/08	4352-4358'	4 JSPF	24 holes
8/25/08	4378-4384'	4 JSPF	24 holes
8/25/08	4682-4688'	4 JSPF	24 holes
8/25/08	4958-4962'	4 JSPF	16 holes
8/25/08	4936-4942'	4 JSPF	24 holes
8/22/08	5052-5064'	4 JSPF	48 holes
9/18/07	5166-5182'	4 JSPF	84 holes
9/18/07	5394-5415'	4 JSPF	84 holes

NEWFIELD**FEDERAL 9-18-9-16**

2054' FSL & 470' FEL

NE/SE Section 18-T9S-R16E

Duchesne Co, Utah

API #43-013-32920; Lease # UTU-64379

Monument Fed. #24-17-9-16

Spud Date: 7/18/1996
Put on Production: 8/30/1996
GL: 6008' KB: 6018'

Initial Production: 20 BOPD,
NM MCFD, 5 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 268.95'
DEPTH LANDED: 279.95'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 5716.51'
DEPTH LANDED: 5726.51'
HOLE SIZE: 7-7/8"
CEMENT DATA: 150 sxs Super "G" & 310 sxs 50/50 POZ.
CEMENT TOP AT: 2027' per CBL

TUBING

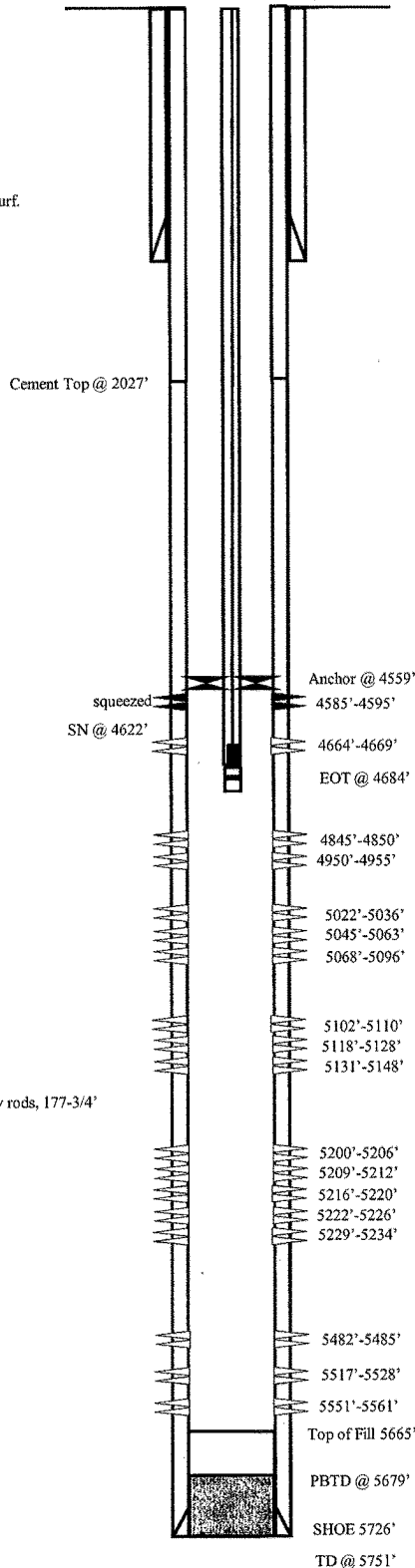
SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
NO. OF JOINTS: 145 jts. (4549.45')
TUBING ANCHOR: 4559.45'
NO. OF JOINTS: 2 jt. (60.20')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4622.45' KB
NO. OF JOINTS: 1 jt. (60.19')
TOTAL STRING LENGTH: EOT @ 4684.19'

SUCKER RODS

POLISHED ROD: 1-1/4" x 22' SM
SUCKER RODS: 1 1/4" x 22' polished rods, 1-2', 2-6' x 3/4" pony rods, 177-3/4' guided rods, 6-1 1/2' wt bars
PUMP SIZE: 2 1/2" x 1 1/2" x 15' RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 4 SPM

FRAC JOB

8/13/96	5200'-5234'	Frac LODC as follows: 29,908# 20/40 sand + 67,270# 16/30 sand in 703 bbls frac fluid. Treated @ avg press of 2300 psi w/avg rate of 19.4 BPM. ISIP 2650 psi. Calc. flush: 5200 gal. Actual flush: 5166 gal.
8/16/96	4845'-4955'	Frac A & B sands as follows: 44,700# 16/30 sand in 396 bbls frac fluid. Treated @ avg press of 2650 psi w/avg rate of 30.4 BPM. ISIP 2150 psi. Calc. flush: 4845 gal. Actual flush: 4788 gal.
8/16/96	4664'-4669'	Frac D-2 as follows: 21,800# 16/30 sand in 264 bbls frac fluid. Treated @ avg press of 2350 psi w/avg rate of 25.8 BPM. ISIP 1950 psi. Calc. flush: 4664 gal. Actual flush: 4620 gal.
6/06/98	5482'-5562'	Frac CP as follows: 102,300# 20/40 sand 334 bbls Viking I-25 frac fluid. Treated @ avg press of 6825 psi w/avg rate of 28.4 BPM. ISIP 2000 psi. Calc. Flush: 5482 gal. Actual flush: 1344 gal.
6/09/98	5032'-5140'	Frac LODC as follows: 95,500# 20/40 sand 324 bbls Viking I-25 frac fluid. Treated @ avg press of 5520 psi w/avg rate of 27.5 BPM. ISIP 1540 psi. Calc. Flush: 5032 gal. Actual flush: 1218 gal.
6/11/98	4585'-4595'	Frac D-1 as follows: 117,110# 20/40 sand in 594 bbls Viking I-25 frac fluid. Treated @ avg press of 2415 psi w/avg rate of 30 BPM. ISIP 2150 psi. Calc. Flush: 4585 gal. Actual flush: 4494 gal.
7/15/98		Squeeze 5032'-5140' w/ 90 sxs Class "G".
01/08/03	5022'-5148'	Frac UPLDC sands follows: 247,818 #20/40 sand in 1544 bbls Viking I-25 fluid. Treated @ avg press of 3810 psi w/avg rate of 19.7 BPM. ISIP 2250 psi. Calc. Flush: 1291 gal. Actual flush: 1176 gal.
6/04/04		Pump Change.
10/25/04		Tubing Leak. Update rod and tubing details.
12/30/04		Tubing Leak. Update rod details.
1/24/05		Pump change. Update rod and tubing details.
08/16/05		Tubing Leak. Update rod and tubing details.
03/09/06		Parted Rods. Update rod and tubing details.

PERFORATION RECORD

8/12/96	5200'-5206'	4 SPF	24 holes
8/12/96	5209'-5212'	4 SPF	12 holes
8/12/96	5216'-5220'	4 SPF	16 holes
8/12/96	5222'-5226'	4 SPF	16 holes
8/12/96	5229'-5234'	4 SPF	20 holes
8/15/96	4845'-4850'		08 holes
8/15/96	4950'-4955'		06 holes
8/16/96	4664'-4669'	4 SPF	20 holes
6/05/98	5482'-5485'	4 SPF	12 holes
6/05/98	5517'-5528'	4 SPF	44 holes
6/05/98	5551'-5561'	4 SPF	40 holes
6/08/98	5032'-5035'	2 SPF	06 holes
6/08/98	5047'-5062'	2 SPF	30 holes
6/08/98	5069'-5076'	2 SPF	14 holes
6/08/98	5083'-5095'	2 SPF	24 holes
6/08/98	5121'-5126'	2 SPF	10 holes
6/08/98	5131'-5140'	2 SPF	18 holes
6/10/98	4585'-4595'	4 SPF	40 holes (sqzd)
1/06/03	5022'-5036'	4 SPF	128 holes (reperf)
1/06/03	5045'-5063'	4SPF	128 holes (reperf)
1/06/03	5068'-5096'	4 SPF	112 holes (reperf)
1/06/03	5102'-5110'	4 SPF	32 holes
1/06/03	5118'-5128'	4 SPF	108 holes (reperf)
1/06/03	5131'-5148'	4 SPF	108 holes (reperf)

NEWFIELD

Monument Fed. #24-17-9-16
660' FSL & 1980' FWL
SESW Section 17-T9S-R16E
Duchesne Co, Utah
API #43-013-31682; Lease #U-52018

Spud Date: 03/10/97
Put on Production: 4/10/97
GL: 6064' KB: 6078'

Monument Federal 42-18-9-16Y

Initial Production: 23.5 BOPD,
13.5 MCFPD, 1 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
DEPTH LANDED: 261'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" + 2% CaCl₂ + 1/4#/sx Cello Flake

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 138 jts (5859')
DEPTH LANDED: 5869'
HOLE SIZE: 7-7/8"
CEMENT DATA: 145 sxs Prem Lite Plus + 10% gel _6#/sx BA-981 + .5% sod met + 2#/sx Kol seal + 1/4#/sx Cello Flake

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 170 jts (5258.81')
TUBING ANCHOR: 5268.81'
NO. OF JOINTS: 2 jts (62.02')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5333.63' KB
NO. OF JOINTS: 1 Perf sub (4.0')
TOTAL STRING LENGTH: EOT @ 5370.19'

ROD STRING

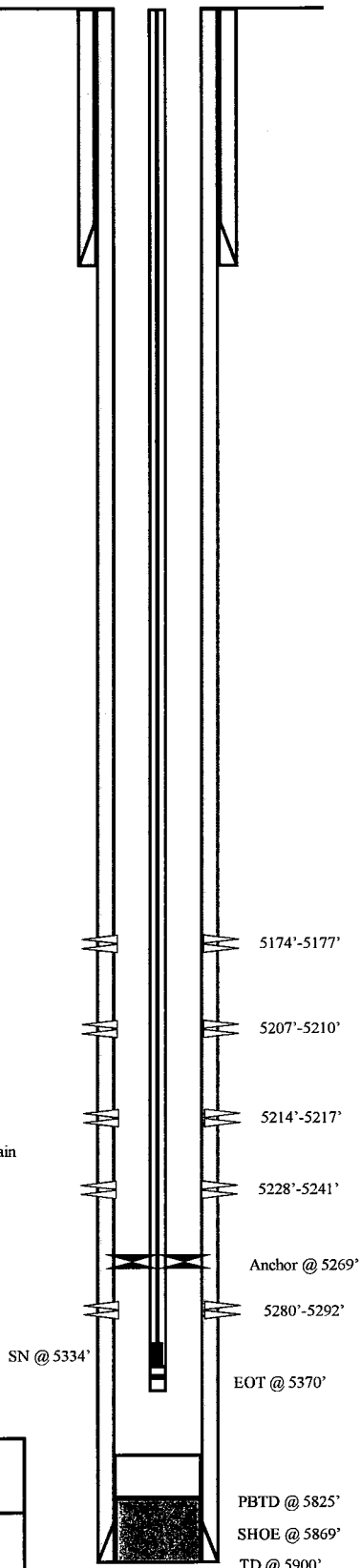
POLISHED ROD: 1-1/4" x 22' SM
SUCKER RODS: 4-1 1/2" weight bars; 10-3/4" scraped rods; 153-3/4" plain rods, 50-3/4" scraped rods, 1-3/4" plain rods, 2-4', 1-6' x 3/4" pony rod.
PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC
STROKE LENGTH: 74"
PUMP SPEED, SPM: 4
LOGS: DLL, CNL/LDT, CBL/GR

FRAC JOB

3/27/97 5174'-5292' **Frac G3, G4 sands as follows:**
30,600# 20/40 sand and 69,200# 16/30 sand in 719 bbl 2% KCL water. Avg. Treating pressure of 1850 psi @ 34.5 BPM, ISIP 1900 psi.
10/27/04 Tubing Leak. Update rod and tubing details.

PERFORATION RECORD

3/26/97	5280'-5292'	2 JSPF	06 holes
3/26/97	5228'-5241'	2 JSPF	06 holes
3/26/97	5214'-5217'	2 JSPF	06 holes
3/26/97	5207'-5210'	2 JSPF	26 holes
3/26/97	5174'-5177'	2 JSPF	24 holes



NEWFIELD

Monument Federal 42-18-9-16Y

2007 FNL & 388 FEL

SE/NE Sec. 18, T9S R16E

Duchesne, County

API# 43-013-31724; Lease# UTU-74390

Attachment E-11

NEWFIELD

Schematic

Well Name: GMBU N-17-9-16

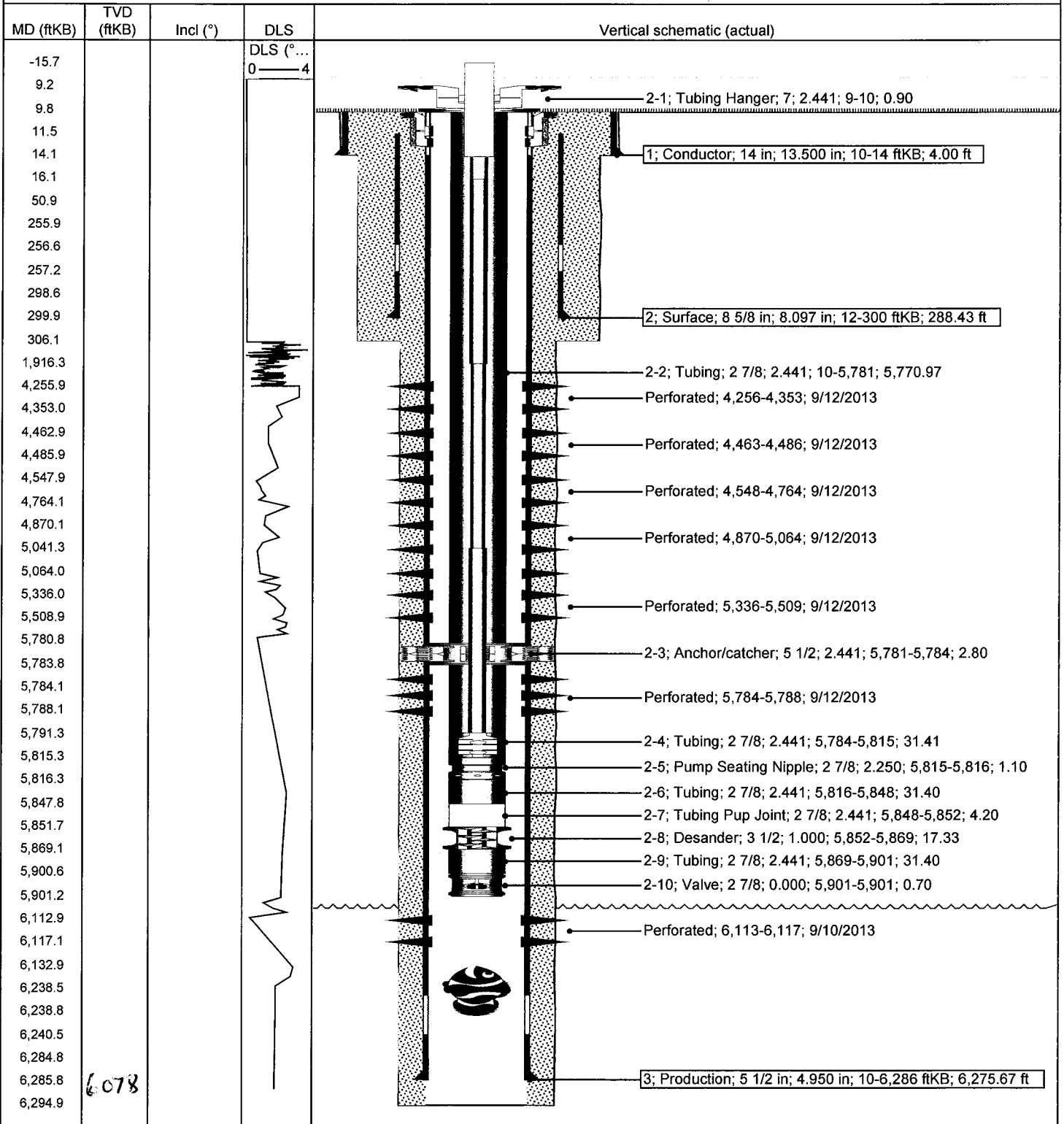
Surface Legal Location		API/UWI	Well RC	Lease	State/Province	Field Name	County
SENV 1965 FNL 2048 FWL Sec 17 T9S R16E Mer SLB		43013515810000	500335182	UTU74390	Utah	GMBU CTB3	Duchesne
Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)	Original Hole - 6,239.0
8/16/2013	9/2/2013	10/4/2013	6,016	6,006			

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Initial Completion	Fracture Treatment	P&P	9/10/2013	10/17/2013

TD: 6,295.0

Slant - <des>, 1/23/2014 1:28:26 PM



West Point #5-17-9-16

Spud Date: 12/10/2001
Put on Injection: 7/30/2003
GL: 5984' KB: 5994'

Initial Production: 63 BOPD,
115 MCFD, 21 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (302.04')
DEPTH LANDED: 310.04' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 145 sxs Class "G" cmt, est 4 bbls cmt to surf.

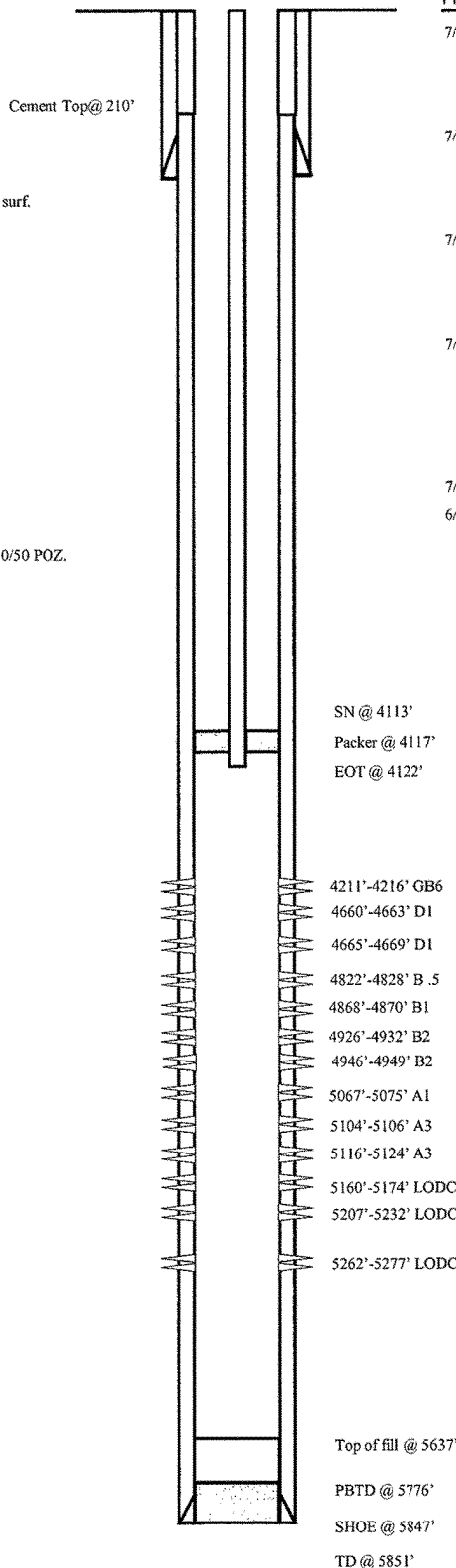
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 131 jts. (5849.11')
DEPTH LANDED: 5846.71' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 210' per CBL

TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#
NO. OF JOINTS: 126 jts (4103.08')
SEATING NIPPLE: 2 7/8" (1.10')
SN LANDED AT: 4113.08' KB
PACKER: 4117.48'
TOTAL STRING LENGTH: EOT @ 4121.53' KB

Injection Well
Wellbore Diagram

FRAC JOB

7/22/02 5067'-5277' **Frac A1, A3, LODC sands as follows:**
158,285# 20/40 sand in 1062 bbls Viking I-25 fluid. Treated @ avg press of 1650 psi w/avg rate of 28 BPM. ISIP 2040 psi. Calc flush: 5067 gal. Actual flush: 4998 gal.

7/22/02 4822'-4949' **Frac B0.5, B1, B2 sands as follows:**
59,431# 20/40 sand in 474 bbls Viking I-25 fluid. Treated @ avg press of 2100 psi w/avg rate of 27 BPM. ISIP 2010 psi. Calc flush: 4822 gal. Actual flush: 4725 gal.

7/22/02 4660'-4669' **Frac D1 sand as follows:**
19,371# 20/40 sand in 237 bbls Viking I-25 fluid. Treated @ avg press of 2250 psi w/avg rate of 27 BPM. ISIP 1910 psi. Calc flush: 4660 gal. Actual flush: 4578 gal.

7/22/02 4211'-4216' **Frac GB6 sands as follows:**
19,416# 20/40 sand in 173 bbls Viking I-25 fluid. Treated @ avg press of 2800 psi w/avg rate of 24.5 BPM. Screened out w/ 7623# sand in formation and 11,793# sand in casing. Calc flush: 4211 gal. Actual flush: 1911 gal. ISIP - NA.

7/30/03
6/25/08
Converted to Water Injector.
5 Year MIT completed and submitted.

PERFORATION RECORD

Date	Depth Range	Tool Joint	Holes
7/19/02	5262'-5277'	4 JSPF	60 holes
7/19/02	5207'-5232'	4 JSPF	100 holes
7/19/02	5160'-5174'	4 JSPF	56 holes
7/19/02	5116'-5124'	4 JSPF	32 holes
7/19/02	5104'-5106'	4 JSPF	08 holes
7/19/02	5067'-5075'	4 JSPF	32 holes
7/22/02	4946'-4949'	4 JSPF	12 holes
7/22/02	4926'-4932'	4 JSPF	24 holes
7/22/02	4868'-4870'	4 JSPF	08 holes
7/22/02	4822'-4828'	4 JSPF	24 holes
7/22/02	4665'-4669'	4 JSPF	16 holes
7/22/02	4660'-4663'	4 JSPF	12 holes
7/22/02	4211'-4216'	4 JSPF	20 holes



West Point #5-17-9-16
1845' FNL & 850' FWL
SWNW Section 17-T9S-R16E
Duchesne Co, Utah
API #43-013-32281; Lease #UTU-74390

Multi-Chem Analytical Laboratory

1553 East Highway 40
Vernal, UT 84078

Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
Well Name: **FEDERAL 16-18-9-16**
Sample Point: **Treater**
Sample Date: **7/17/2013**
Sample ID: **WA-248319**

Sales Rep: **Michael McBride**
Lab Tech: **Gary Winegar**

Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	7/24/2013	Cations		Anions	
System Temperature 1 (°F):	120	Sodium (Na):	11518.91	Chloride (Cl):	17000.00
System Pressure 1 (psig):	60	Potassium (K):	54.00	Sulfate (SO4):	4.00
System Temperature 2 (°F):	210	Magnesium (Mg):	15.00	Bicarbonate (HCO3):	1586.00
System Pressure 2 (psig):	60	Calcium (Ca):	25.00	Carbonate (CO3):	
Calculated Density (g/ml):	1.018	Strontium (Sr):	13.00	Acetic Acid (CH3COO)	
pH:	8.30	Barium (Ba):	21.00	Propionic Acid (C2H5COO)	
Calculated TDS (mg/L):	30251.84	Iron (Fe):	1.60	Butanoic Acid (C3H7COO)	
CO2 in Gas (%):		Zinc (Zn):	0.02	Isobutyric Acid ((CH3)2CHCOO)	
Dissolved CO2 (mg/L):	0.00	Lead (Pb):	0.03	Fluoride (F):	
H2S in Gas (%):		Ammonia NH3:		Bromine (Br):	
H2S in Water (mg/L):	5.00	Manganese (Mn):	0.44	Silica (SiO2):	12.84

Notes:

B=7

(PTB = Pounds per Thousand Barrels)

Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	1.31	20.28	0.00	0.00	2.39	0.88	2.08	1.15	0.00	0.00	0.00	0.00	0.00	0.00	7.15	0.01
200.00	60.00	1.27	20.09	0.00	0.00	2.38	0.88	2.04	1.15	0.00	0.00	0.00	0.00	0.00	0.00	7.25	0.01
190.00	60.00	1.23	19.89	0.00	0.00	2.38	0.88	2.00	1.15	0.00	0.00	0.00	0.00	0.00	0.00	7.34	0.01
180.00	60.00	1.19	19.68	0.00	0.00	2.38	0.88	1.96	1.15	0.00	0.00	0.00	0.00	0.00	0.00	7.45	0.01
170.00	60.00	1.15	19.45	0.00	0.00	2.39	0.88	1.92	1.15	0.00	0.00	0.00	0.00	0.00	0.00	7.56	0.01
160.00	60.00	1.11	19.21	0.00	0.00	2.41	0.88	1.87	1.15	0.00	0.00	0.00	0.00	0.00	0.00	7.68	0.01
150.00	60.00	1.08	18.97	0.00	0.00	2.43	0.88	1.83	1.15	0.00	0.00	0.00	0.00	0.00	0.00	7.80	0.01
140.00	60.00	1.04	18.72	0.00	0.00	2.46	0.88	1.78	1.14	0.00	0.00	0.00	0.00	0.00	0.00	7.94	0.01
130.00	60.00	1.01	18.47	0.00	0.00	2.49	0.88	1.74	1.14	0.00	0.00	0.00	0.00	0.00	0.00	8.08	0.01
120.00	60.00	0.98	18.22	0.00	0.00	2.54	0.88	1.69	1.14	0.00	0.00	0.00	0.00	0.00	0.00	8.23	0.01

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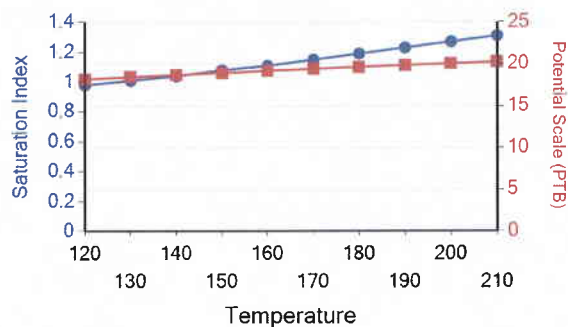
Water Analysis Report

Temp (°F)	PSI	Hemihydrate CaSO ₄ ·0.5H ₂ O		Anhydrate CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	8.39	0.01	4.84	15.12	1.95	6.83	8.33	1.24
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	8.55	0.01	4.46	14.87	1.73	6.47	8.07	1.24
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.72	0.01	4.07	14.49	1.51	6.02	7.82	1.24
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.90	0.01	3.68	13.94	1.28	5.48	7.56	1.24
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.09	0.01	3.29	13.20	1.06	4.84	7.30	1.24
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.29	0.01	2.89	12.26	0.83	4.09	7.05	1.24
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.50	0.01	2.49	11.11	0.61	3.24	6.79	1.24
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.73	0.01	2.08	9.76	0.38	2.28	6.54	1.24
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.97	0.01	1.67	8.24	0.16	1.22	6.29	1.23
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.22	0.01	1.27	6.55	0.00	0.00	6.05	1.23

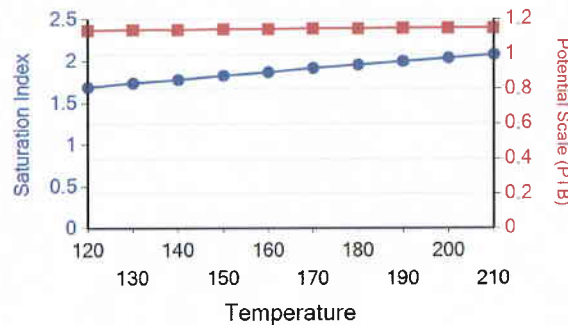
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These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Iron Sulfide Iron Carbonate Zinc Sulfide Lead Sulfide Mg Silicate Fe Silicate

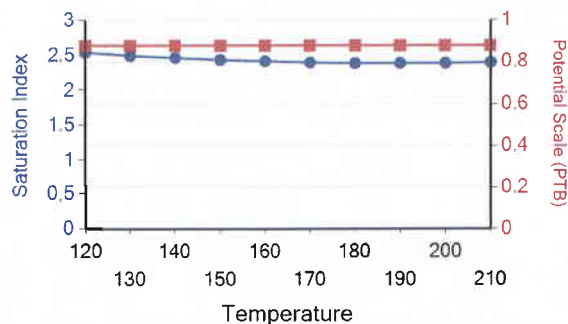
Calcium Carbonate



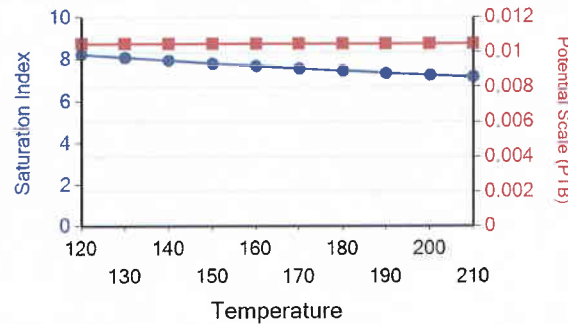
Iron Carbonate



Iron Sulfide



Zinc Sulfide



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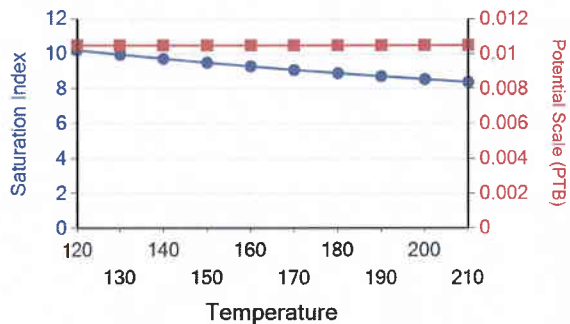
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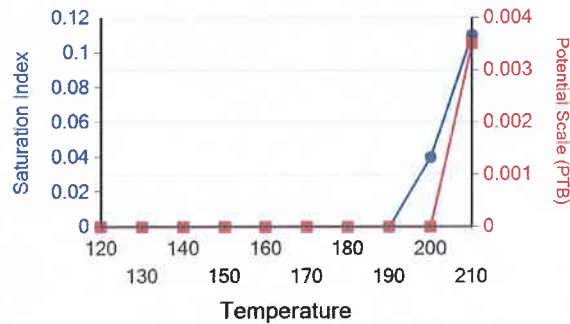
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Water Analysis Report

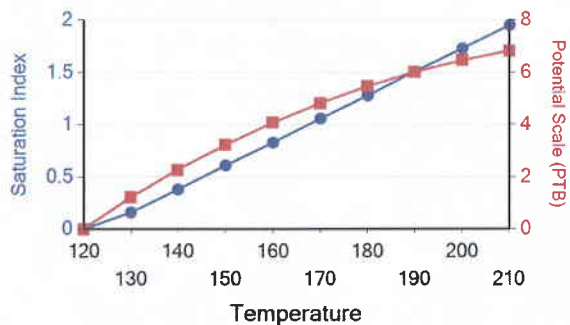
Lead Sulfide



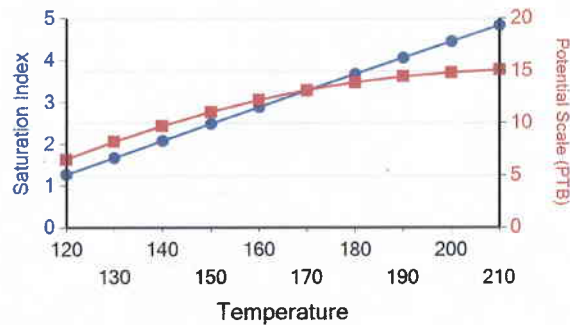
Zinc Carbonate



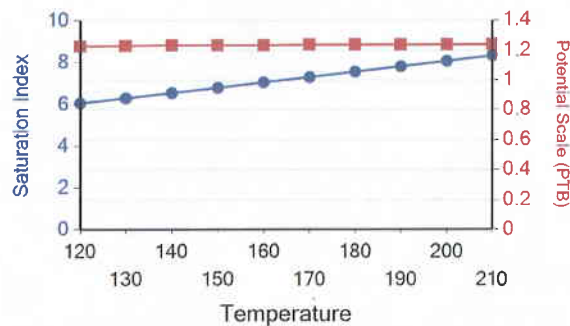
Ca Mg Silicate



Mg Silicate



Fe Silicate



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Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Well Name: **SWDIF**Sample Point: **After Filter**Sample Date: **12/4/2012**Sample ID: **WA-229142**Sales Rep: **Michael McBride**Lab Tech: **Gary Peterson**Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	12/5/2012	Cations		Anions	
		mg/L		mg/L	
System Temperature 1 (°F):	120.00	Sodium (Na):	734.93	Chloride (Cl):	1000.00
System Pressure 1 (psig):	60.0000	Potassium (K):	11.00	Sulfate (SO ₄):	120.00
System Temperature 2 (°F):	210.00	Magnesium (Mg):	26.00	Bicarbonate (HCO ₃):	366.00
System Pressure 2 (psig):	60.0000	Calcium (Ca):	46.20	Carbonate (CO ₃):	
Calculated Density (g/ml):	0.999	Strontium (Sr):		Acetic Acid (CH ₃ COO)	
pH:	6.80	Barium (Ba):	0.17	Propionic Acid (C ₂ H ₅ COO)	
Calculated TDS (mg/L):	2304.49	Iron (Fe):	0.13	Butanoic Acid (C ₃ H ₇ COO)	
CO ₂ in Gas (%):		Zinc (Zn):	0.02	Isobutyric Acid ((CH ₃) ₂ CHCOO)	
Dissolved CO ₂ (mg/L):	15.00	Lead (Pb):	0.00	Fluoride (F):	
H ₂ S in Gas (%):		Ammonia NH ₃ :		Bromine (Br):	
H ₂ S in Water (mg/L):	2.50	Manganese (Mn):	0.04	Silica (SiO ₂):	

Notes:

9:30

(PTB = Pounds per Thousand Barrels)

Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO ₄ ·2H ₂ O		Celestite SrSO ₄		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.28	10.64	0.00	0.00	0.20	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.28	0.01
200.00	60.00	0.19	7.48	0.00	0.00	0.13	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.31	0.01
190.00	60.00	0.11	4.25	0.00	0.00	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.35	0.01
180.00	60.00	0.02	0.97	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.39	0.01
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.44	0.01
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.50	0.01
150.00	60.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.56	0.01
140.00	60.00	0.00	0.00	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.64	0.01
130.00	60.00	0.00	0.00	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.72	0.01
120.00	60.00	0.00	0.00	0.15	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.80	0.01

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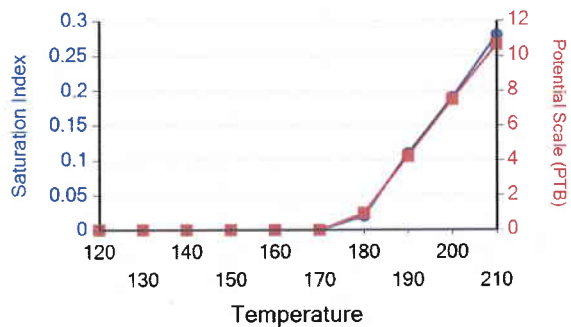
Water Analysis Report

Temp (°F)	PSI	Hemihydrate $\text{CaSO}_4 \cdot 0.5\text{H}_2\text{O}$		Anhydrate CaSO_4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

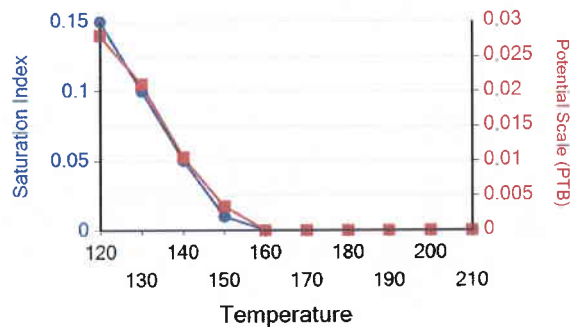
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Iron Sulfide Zinc Sulfide

These scales have positive scaling potential under final temperature and pressure: Barium Sulfate Zinc Sulfide

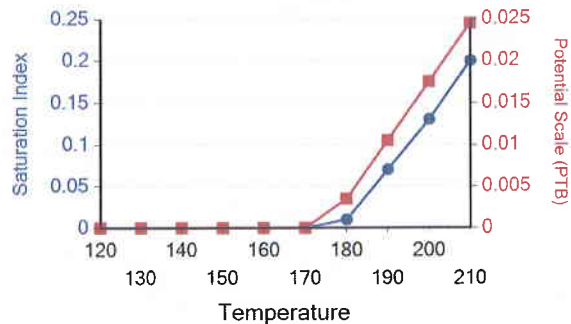
Calcium Carbonate



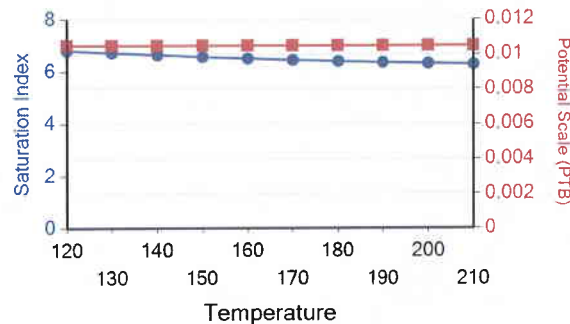
Barium Sulfate



Iron Sulfide



Zinc Sulfide



Attachment "G"

**Federal #16-18-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5704	5716	5710	2376	0.85	2339
5051	5066	5059	2400	0.91	2367
4674	4732	4703	1974	0.86	1944
				Minimum	<u>1944</u>

Calculation of Maximum Surface Injection Pressure

Pmax = (Frac Grad -(0.433*1.015)) x Depth of Top Perf
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.015.

Frac Gradient = (ISIP +(0.433*Top Perf.))/Top Perf.

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.

Daily Activity Report

Format For Sundry

FEDERAL 16-18-9-16**7/1/2007 To 11/30/2007****9/6/2007 Day: 1****Completion**

Rigless on 9/5/2007 - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5950' & cement top @ 70'. Perforate stage #1, LODC sds @ 5298-5312' w/ 3-1/8" Slick Guns (19 gram, .49"EH, 120°) w/ 4 spf for total of 56 shots. 144 BWTR. SWIFN.

9/11/2007 Day: 2**Completion**

Rigless on 9/10/2007 - RU BJ Services "Ram Head" frac flange. RU BJ & frac LODC, stage #1 down casing w/ 49,689#'s of 20/40 sand in 465 bbls of Lightning 17 frac fluid. Open well w/ 140 psi on casing. Perfs broke down @ 2220 psi. Treated @ ave pressure of 1986 w/ ave rate of 24.7 bpm w/ 8 ppg of sand. Spot 30 gals of Techna Hib before pad. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2376. 609 bbls EWTR. Leave pressure on well. RU Perforators LLC crane, WLT & lubricator. RIH w/ Weatherford (6K) composite flow through frac plug & 15' perf gun. Set plug @ 5170'. Perforate A1 sds @ 5051-66' w/ 3-1/8" Slick Guns (23 gram, .49"HE, 120°) w/ 4 spf for total of 60 shots. SIFN.

9/12/2007 Day: 3**Completion**

Rigless on 9/11/2007 - RU BJ & frac A1, stage #2 down casing w/ 79,844#'s of 20/40 sand in 628 bbls of Lightning 17 frac fluid. Open well w/ 1525 psi on casing. Perfs broke down @ 2905 psi. Treated @ ave pressure of 2030 w/ ave rate of 24.8 bpm w/ 8 ppg of sand. Spot 30 gals of Techna Hib before pad. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2400. 1237 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 5', 6' perf guns. Set plug @ 4820'. Perforate D2 sds @ 4727-32', D1 sds @ 4674-80' w/ 4 spf for total of 44 shots. RU BJ & frac stage #3 w/ 31,828#'s of 20/40 sand in 394 bbls of Lightning 17 frac fluid. Open well w/ 1819 psi on casing. Perfs broke down @ 2394 psi. Treated @ ave pressure of 1974 w/ ave rate of 24.8 bpm w/ 6.5 ppg of sand. Spot 30 gals of Techna Hib before pad. ISIP was 1974. 1631 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 3-1/2 hours & died w/ 250 bbls rec'd. MIRUSU. RD Cameron BOP's & 5K frac head. Instal 3K production tbg head & Schaefer BOP's. RU used 4-3/4" Chomp bit & bit sub. Tally & TIH w/ tbg to tag fill @ 4814'. RU pump/tanks & swivel. C/O to plug @ 4820'. Drlg out plug #1. Leave EOT @ 4858'. SIFN.

9/13/2007 Day: 4**Completion**

Western #4 on 9/12/2007 - Open well w/ 40 psi on casing. TIH w/ tbg to tag sand @ 5160'. C/O to plug @ 5170'. Drlg up plug #2. TIH w/ tbg to tag sand @ 5836'. C/O to PBTD @ 6002'. TOOH w/ 2 jts tbg to leave EOT @ 5932'. RU swab equipment. Made 14 swab runs to rec'd 105 bbls fluid, last run showed trace of oil, no sand. IFL surface. FFL was 1400'. RD swab equipment. TIH to PBTD @ 6002' (no fill). TOOH w/ tbg. LD Bit & bit sub. TIH w/ NC, 2 jts tbg, SN, 1 jt tbg, TA (new CDI, 45,000# shear), 167 jts tbg. RD BOP's. Set TA w/ 16,000#'s of tension @ 5271' w/ SN @ 5305' & EOT @ 5369'. Flush tbg w/ 60 bbls water. SIFN.

9/14/2007 Day: 5**Completion**

Western #4 on 9/13/2007 - Open well w/ 80 psi on casing. Pickup prime pump. TIH w/ 2-1/2" x 1-1/2" x 12' x 15' RHAC CDI new pump w/118" SL, 6- 1-1/2" Weight rods, 20- 3/4" guided Inspected rods, 86- 3/4" plain rods (new), 99- 3/4" guided rods (new), 8', 2' pony rods, 1-1/2" x 22' polish rod (new). Space pump. Test tbg & pump to 800 psi w/ 2 bbls water. RDMOSU. POP @ 11AM w/ 74" SL @ 5 spm. Final Report.

Pertinent Files: Go to File List

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4624'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 177' balance plug using 21 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 42 sx Class "G" cement down 5 ½" casing to 367'

The approximate cost to plug and abandon this well is \$42,000.

FEDERAL 16-18-9-16

Spud Date: 06/27/07
 Put on Production: 09/13/07
 GL: 6111' KB: 6123'

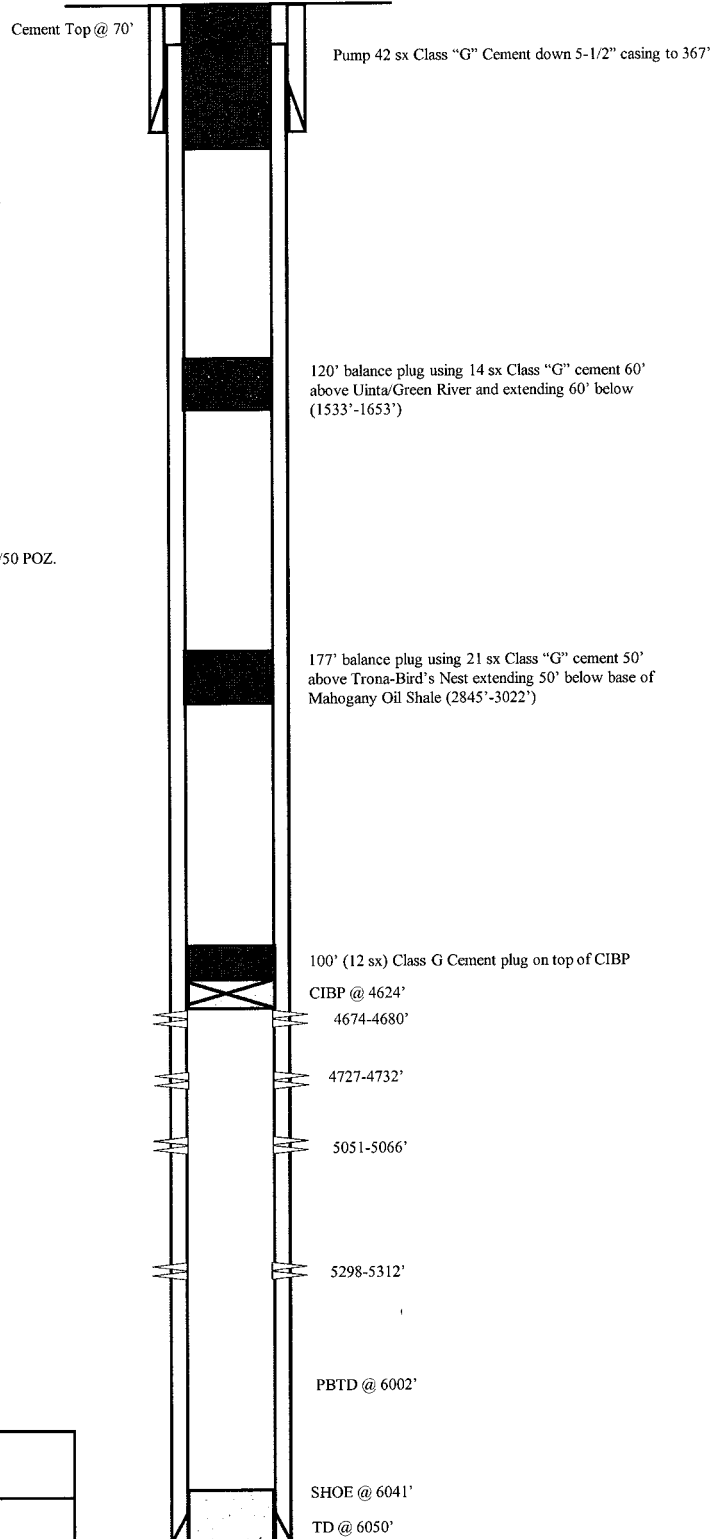
Initial Production: BOPD,
 MCFD, BWPD

Proposed P & A
Wellbore DiagramSURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (305.53')
 DEPTH LANDED: 317.38' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 139 jts. (6028.19')
 DEPTH LANDED: 6041.44' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP: 70'

**FEDERAL 16-18-9-16**

964'FSL & 297' FEL

SE/SE Section 18-T9S-R16E

Duchesne Co, Utah

API #43-013-32922; Lease # UTU-64379

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-415

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 16, 17, 18, 19, 20, 21, 23, and 24, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

State 2-16-9-16 well located in NW/4 NE/4, Section 16, Township 9 South, Range 16 East
API 43-013-33846
State 13-16-9-16 well located in SW/4 SW/4, Section 16, Township 9 South, Range 16 East
API 43-013-33853
Castle Peak 32-16 well located in SW/4 NE/4, Section 16, Township 9 South, Range 16 East
API 43-013-30650
Federal 10-17-9-16 well located in NW/4 SE/4, Section 17, Township 9 South, Range 16 East
API 43-013-33033
Federal 12-17-9-16 well located in NW/4 SW/4, Section 17, Township 9 South, Range 16 East
API 43-013-33035
Federal 16-18-9-16 well located in SE/4 SE/4, Section 18, Township 9 South, Range 16 East
API 43-013-32922
Federal 2-19-9-16 well located in NW/4 NE/4, Section 19, Township 9 South, Range 16 East
API 43-013-33063
Federal 6-19-9-16 well located in SE/4 NW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33100
Federal 12-19-9-16 well located in NW/4 SW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33102
Federal 14-19-9-16 well located in SE/4 SW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33161
Federal 16-19-9-16 well located in SE/4 SE/4, Section 19, Township 9 South, Range 16 East
API 43-013-33163
Federal 8-20-9-16 well located in SE/4 NE/4, Section 20, Township 9 South, Range 16 East
API 43-013-33107
Federal 3-21-9-16 well located in NE/4 NW/4, Section 21, Township 9 South, Range 16 East
API 43-013-33019
Federal 4-21-9-16 well located in NW/4 NW/4, Section 21, Township 9 South, Range 16 East
API 43-013-33069
Federal 8-21-9-16 well located in SE/4 NE/4, Section 21, Township 9 South, Range 16 East
API 43-013-33023
Federal 2-23-9-16 well located in NW/4 NE/4, Section 23, Township 9 South, Range 16 East
API 43-013-33003

Castle Peak Federal 6-23 well located in SE/4 NW/4, Section 23, Township 9 South, Range 16 East
API 43-013-30873

Federal 8-23-9-16 well located in SE/4 NE/4, Section 23, Township 9 South, Range 16 East
API 43-013-32961

Federal 14-24-9-16 well located in SE/4 SW/4, Section 24, Township 9 South, Range 16 East
API 43-013-33343

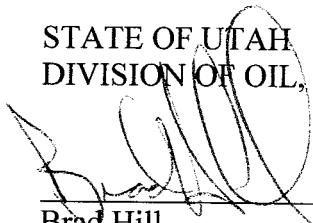
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 11th day of December, 2013.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Brad Hill
Permitting Manager

Newfield Production Company

**STATE 2-16-9-16, STATE 13-16-9-16, CASTLE PEAK 32-16,
FEDERAL 10-17-9-16, FEDERAL 12-17-9-16, FEDERAL 16-18-9-16,
FEDERAL 2-19-9-16, FEDERAL 6-19-9-16, FEDERAL 12-19-9-16,
FEDERAL 14-19-9-16, FEDERAL 16-19-9-16, FEDERAL 8-20-9-16,
FEDERAL 3-21-9-16, FEDERAL 4-21-9-16, FEDERAL 8-21-9-16,
FEDERAL 2-23-9-16, CASTLE PEAK FEDERAL 6-23,
FEDERAL 8-23-9-16, FEDERAL 14-24-9-16**

Cause No. UIC-415

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

SITLA
675 E 500 S Ste 500
Salt Lake City, UT 84102-2818

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail ubs@ubstandard.com

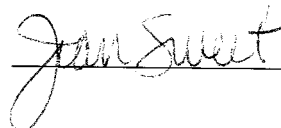
Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052





GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

December 12, 2013

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-415

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

12/12/2013

State of Utah Mail - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-415



Jean Sweet <jsweet@utah.gov>

Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-415

1 message

UB Standard Legals <ubslegals@ubmedia.biz>

Thu, Dec 12, 2013 at 1:22 PM

To: Jean Sweet <jsweet@utah.gov>

On 12/12/2013 11:59 AM, Jean Sweet wrote:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining

PO Box 145801

Salt Lake City, UT 84114-5801

Sincerely,

Jean

—

Jean Sweet

Executive Secretary

Utah Division of Oil, Gas and Mining

801-538-5329

This will publish Dec. 17. Thank you. Merry Christmas.
Cindy



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

December 12, 2013

VIA E-MAIL naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-415

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

12/12/2013

State of Utah Mail - Proof for Notice



Jean Sweet <jsweet@utah.gov>

Proof for Notice

1 message

Stowe, Ken <naclegal@mediaoneutah.com>
Reply-To: "Stowe, Ken" <naclegal@mediaoneutah.com>
To: jsweet@utah.gov

Thu, Dec 12, 2013 at 12:34 PM

AD# 927358
Run SL Trib & Des News 12/13
Cost \$478.76
Thank You



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Order Confirmation for Ad #0000927358-01

Client	DIV OF OIL-GAS & MINING	Payor Customer	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	Payor Phone	801-538-5340
Account#	9001402352	Payor Account	9001402352
Address	1594 W NORTH TEMP #1210,P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	Payor Address	1594 W NORTH TEMP #1210,P.O. BO SALT LAKE CITY, UT 84114
Fax	801-359-3940	Ordered By	Acct. Exec
EMail	juliecarter@utah.gov	Jean	kstowe

Total Amount	\$478.76			
Payment Amt	\$0.00			
		<u>Tear Sheets</u>	<u>Proofs</u>	<u>Affidavits</u>
Amount Due	\$478.76	0	0	1
Payment Method		<u>PO Number</u>	Newfield Cause UIC-4	
Confirmation Notes:				
Text:	Jean			

Ad Type	Ad Size	Color
Legal Liner	3.0 X 94 Li	<NONE>

<u>Product</u>	<u>Placement</u>	<u>Position</u>
Salt Lake Tribune::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	12/13/2013	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
Deseret News::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	12/13/2013	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	12/13/2013	

Order Confirmation for Ad #0000927358-01

Ad Content Proof Actual Size

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WEST VALLEY CITY, UTAH 84170
FED. TAX I.D.# 87-0217663
801-204-6910

The Salt Lake Tribune

MEDIAONE

Deseret News

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS		ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, Rose Nolton 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114		9001402352 BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-415	12/13/2013
ACCOUNT NAME		THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.	
DIV OF OIL-GAS & MINING,		Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:	
TELEPHONE	ADORDER	Greater Monument Butte Unit: State 2-16-9-16 well located in NW/4 NE/4, Section 16, Township 9 South, Range 16 East API 43-013-33846 State 13-16-9-16 well located in SW/4 SW/4, Section 16, Township 9 South, Range 16 East API 43-013-33853 Castle Peak 32-16 well located in SW/4 NE/4, Section 16, Township 9 South, Range 16 East API 43-013-30650 Federal 10-17-9-16 well located in NW/4 SE/4, Section 17, Township 9 South, Range 16 East API 43-013-33033 Federal 12-17-9-16 well located in NW/4 SW/4, Section 17, Township 9 South, Range 16 East API 43-013-33035 Federal 14-18-9-16 well located in SE/4 SE/4, Section 18, Township 9 South, Range 16 East API 43-013-32922 Federal 2-19-9-16 well located in NW/4 NE/4, Section 19, Township 9 South, Range 16 East API 43-013-33063 Federal 6-19-9-16 well located in SE/4 NW/4, Section 19, Township 9 South, Range 16 East API 43-013-33100 Federal 12-19-9-16 well located in NW/4 SW/4, Section 19, Township 9 South, Range 16 East API 43-013-33102 Federal 14-19-9-16 well located in SE/4 SW/4, Section 19, Township 9 South, Range 16 East API 43-013-33161 Federal 16-19-9-16 well located in SE/4 SE/4, Section 19, Township 9 South, Range 16 East API 43-013-33163 Federal 8-20-9-16 well located in SE/4 NE/4, Section 20, Township 9 South, Range 16 East API 43-013-33107 Federal 3-21-9-16 well located in NE/4 NW/4, Section 21, Township 9 South, Range 16 East API 43-013-33019 Federal 4-21-9-16 well located in NW/4 NW/4, Section 21, Township 9 South, Range 16 East API 43-013-33069 Federal 8-21-9-16 well located in SE/4 NE/4, Section 21, Township 9 South, Range 16 East API 43-013-33023 Federal 2-23-9-16 well located in NW/4 NE/4, Section 23, Township 9 South, Range 16 East API 43-013-33003 Castle Peak Federal 6-23 well located in SE/4 NW/4, Section 23, Township 9 South, Range 16 East API 43-013-30673 Federal 8-23-9-16 well located in SE/4 NE/4, Section 23, Township 9 South, Range 16 East API 43-013-32961 Federal 14-24-9-16 well located in SE/4 SW/4, Section 24, Township 9 South, Range 16 East API 43-013-33343	
SCHEDULE		The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.	
Start 12/13/2013	End 12/13/2013	Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.	
CUST. REF. NO.		Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.	
Newfield Cause UIC-415		Dated this 11th day of December, 2013.	
CAPTION		STATE OF UTAH DIVISION OF OIL, GAS & MINING /s/ Brad Hill Permitting Manager	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT		923768	
SIZE		UPALP	
94	Lines	3.00	
TIMES			
3			
MISC. CHARGES			
RECEIVED			
DEC 20 2013			

DIV. OF OIL, GAS & MINING

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I C
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES
CAUSE NO. UIC-415 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING
COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND D
ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT
NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON
UTAHLEGALS.COM INDEFINATELY. COMPLIES WITH UTAH DIGITAL SIGNATURE ACT UTAH CODE 46-2-101; 46-3-104.

Dated this 11th day of December, 2013.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/ Brad Hill
Permitting Manager

923768

UPALP

PUBLISHED ON Start 12/13/2013 End 12/13/2013

SIGNATURE

DATE 12/13/2013

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT

2210/RE 2/131



VIRGINIA CRAFT
Notary Public, State of Utah
Commission Expires
January 12, 2014

NOTARY SIGNATURE

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

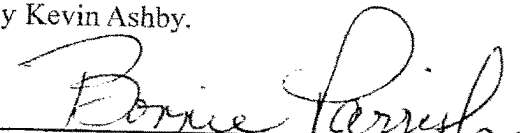
I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 17 day of December, 20 13, and that the last publication of such notice was in the issue of such newspaper dated the 17 day of December, 20 13, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

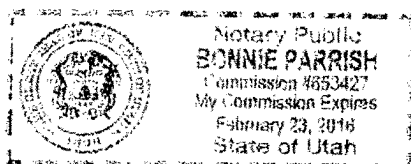

Publisher

Subscribed and sworn to before me on this

23 day of December, 20 13

by Kevin Ashby.


Notary Public



NOTICE OF AGENCY ACTION CAUSE NO. UIC-415

BEFORE THE
DIVISION OF OIL,
GAS AND MINING,
DEPARTMENT OF
NATURAL RE-
SOURCES, STATE
OF UTAH.

IN THE MATTER
OF THE APPLICA-
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FIELD PRODUC-
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FOR ADMINISTRA-
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OF CERTAIN
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IN SECTIONS 16,
17, 18, 19, 20, 21, 23,
and 24, TOWNSHIP
9 SOUTH, RANGE
16 EAST, DUCH-
ESNE COUNTY,
UTAH, AS CLASS
II INJECTION
WELLS.

THE STATE OF
UTAH TO ALL PER-
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IN THE ABOVE
ENTITLED MAT-
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Mining (the "Divi-
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to consider the ap-
plication of Newfield
Production Company,
1001 17th Street,

Continued on next page

Continued from
previous page

Suite 2000, Denver,
Colorado 80202, tele-
phone 303-893-0102,
for administrative ap-
proval of the following
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esne County, Utah, for
conversion to Class II
injection wells:

'Greater Monument
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Range 16 East

API 43-013-33033

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Range 16 East

API 43-013-33035

Federal 16-18-9-
16 well located in
SE/4 SE/4, Section
18, Township 9 South,
Range 16 East

API 43-013-32922

Federal 2-19-9-16
well located in NW/4
NE/4, Section 19,
Township 9 South,
Range 16 East

API 43-013-33063

Federal 6-19-9-16
well located in SE/4
NW/4, Section 19,
Township 9 South,
Range 16 East

API 43-013-33100

Federal 12-19-9-
16 well located in
NW/4 SW/4, Section
19, Township 9 South,
Range 16 East

API 43-013-33102

Federal 14-19-9-
16 well located in
SE/4 SW/4, Section
19, Township 9 South,

Any person desir-
ing to object to the
application or oth-
erwise intervene in
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or notice of interven-
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within fifteen days
following publication
of this notice. The Di-
vision's Presiding Com-
missioner for the proceed-
ing is Brad Hill, Permitting
Manager, at P.O. Box
145801, Salt Lake City,
UT 84114-5801, phone
number (801) 533-
5340. If such a protest
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in accordance with the
aforementioned admini-
strative procedural rules.
Protestants and/or inter-
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to demonstrate at the
hearing how this matter
affects their interests.
Dated this 11th day
of December, 2013
STATE OF UTAH
DIVISION OF OIL
& MINING

/s/
Brad Hill
Permitting Manager
Published in the
Uintah Basin Standard
December 17, 2013

RECEIVED
DEC 24 2013
DIV OF OIL GAS & MINING

Federal 14-19-9-16 well located in SE/4 SW/4, Section 19, Township 9 South, Range 16 East

API 43-013-33161

Federal 16-19-9-16 well located in SE/4 SE/4, Section 19, Township 9 South, Range 16 East

API 43-013-33163

Federal 8-20-9-16 well located in SE/4 NE/4, Section 20, Township 9 South, Range 16 East

API 43-013-33107

Federal 3-21-9-16 well located in NE/4 NW/4, Section 21, Township 9 South, Range 16 East

API 43-013-33019

Federal 4-21-9-16 well located in NW/4 NW/4, Section 21, Township 9 South, Range 16 East

API 43-013-33069

Federal 8-21-9-16 well located in SE/4 NE/4, Section 21, Township 9 South, Range 16 East

API 43-013-33023

Federal 2-23-9-16 well located in NW/4 NE/4, Section 23, Township 9 South, Range 16 East

API 43-013-33003

Castle Peak Federal 6-23 well located in SE/4 NW/4, Section 23, Township 9 South, Range 16 East

API 43-013-30873

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API 43-013-32961

Federal 14-24-9-16 well located in SE/4 SW/4, Section 24, Township 9 South, Range 16 East

API 43-013-33343

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** Federal 16-18-9-16

Location: 18/9S/16E **API:** 43-013-32922

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 317 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,041 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,160 feet or higher. A 2 7/8 inch tubing with a packer will be set at 4,624 feet. Higher perforations may be opened at a later date. A mechanical integrity test will be run on the well prior to injection. Based on surface locations, there are 4 producing wells, 4 injection wells, 2 shut-in wells, 1 P/A well, and 1 temporarily abandoned well in the AOR. In addition, there is 1 directionally drilled producing well with a surface location outside the AOR and a bottom hole location inside the AOR. Finally, there are 2 approved surface locations outside the AOR, from which directional wells will be drilled to bottom hole locations inside the AOR and 2 approved surface locations inside the AOR, from which directional wells will be drilled to bottom hole locations outside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2200 feet. Injection shall be limited to the interval between 3,982 feet and 6,002 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 16-18-9-16 well is 0.86 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,944 psig. The requested maximum pressure is 1,944 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Federal 16-18-9-16

page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold Date: 1/28/2014



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

January 29, 2014

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Federal 16-18-9-16, Section 18, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-32922

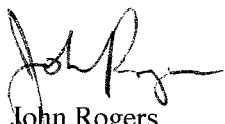
Ladies and Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 3,982 feet in the Federal 16-18-9-16 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,


John Rogers
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
Newfield Production Company, Myton
Well File

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GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

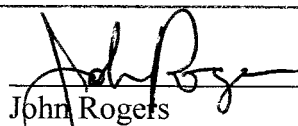
Cause No. UIC-415

Operator: Newfield Production Company
Well: Federal 16-18-9-16
Location: Section 18, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-32922
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on January 29, 2014.
2. Maximum Allowable Injection Pressure: 1,944 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,982' – 6,002')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:


John Rogers
Associate Director


2/26/2014
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Jill Loyle, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File

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STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 16-18-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0964 FSL 0297 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 18 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013329220000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/8/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input checked="" type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: Workover MIT	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <p>The above subject well had workover procedures performed (tubing leak), attached is a daily status report. On 05/07/2014 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 05/08/2014 the csg was pressured up to 1587 psig and charted for 30 minute with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not a State representative available to witness the test.</p>		
Accepted by the Utah Division of Oil, Gas and Mining May 14, 2014 Date: _____ By: 		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 5/12/2014	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 5/8/14 Time 8:59 am pm
Test Conducted by: R. L. Bagley
Others Present: _____

Well: Federal 16-18-9-16

Field: Monument North

Well Location: Federal 16-18-9-16
SE/SE Sec. 18, R16E Dacheque County Utah

API No: 4301332922

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1587</u>	psig
5	<u>1587</u>	psig
10	<u>1587</u>	psig
15	<u>1588</u>	psig
20	<u>1587</u>	psig
25	<u>1588</u>	psig
30 min	<u>1587</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure:  psig

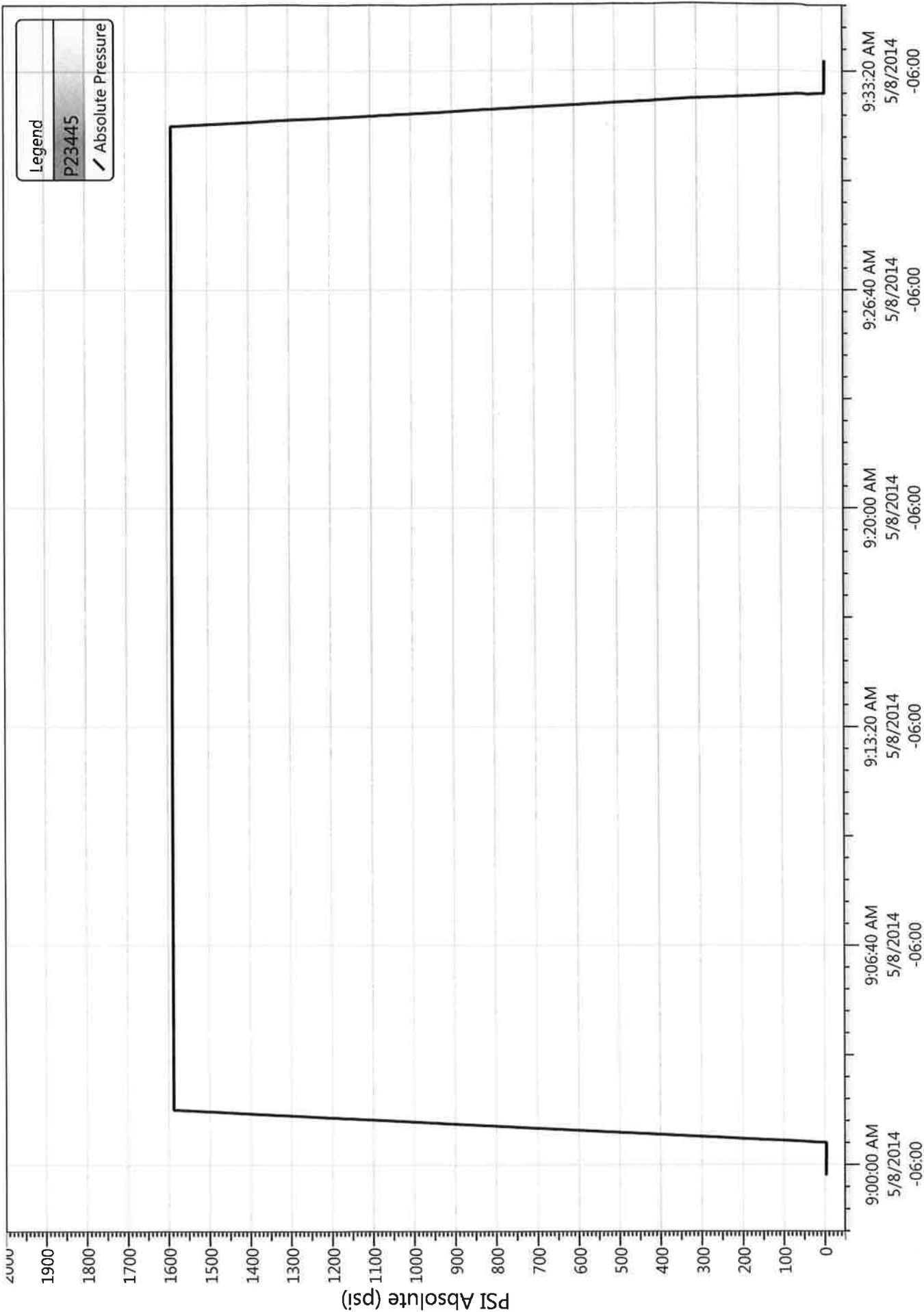
Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: 

16-18-9-16 (workover MIT 4-8-14)

5/8/2014 8:59:13 AM





Job Detail Summary Report

Sundry Number: 51040 API Well Number: 43013329220000

Well Name: Federal 16-18-9-16

Jobs		Job Start Date	Job End Date
Primary Job Type		5/5/2014	5/8/2014
Repairs			

Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
5/5/2014	5/5/2014	MIRU
Start Time	End Time	Comment
10:00	11:00	RIG MOVE
11:00	18:30	MIRU NC#3, R/U H/Oiler To Csg, Psr Up Csg To 1460psi, Held For One Hour, R/U Hose From Injection Line To Injection Tree, Start Injecting Water, Psr Fell To 1200psi & Was Steadily Falling, Bleed Off Csg, Watch Csg For Flow, Was Not Flowing, R/U Gauge & Watch Psr, Psr Up To 500psi In 3 Min, Bleed Off Psr, N/D W/H-D, W/H-D Was Not Tight On Csg, String Wt Was At 10k# W/ W/H-D Flange Off W/H-D, Pull Tbg Up To 35K# & Pkr Released, Did Not Go Through Release Motion, N/U BOPs, R/U Rig Flr, R/U Tbg Eqp, R/U Swab Eqp, P/U & RIH W/ Sand Cup, Tag Fluid Level @ 400', Swab To 2500' L/D Swab Eqp, TOOH W/ 70jts 2 7/8 J-55 Tbg, R/U S/Lne & Swab To S/N, TOOH, Pkr Was Not On On/Off Tool, Pkr Was Not Latch Onto Pkr When We N/D W/H-D, RIH W/ On/Off Tool, Work To Latch Onto Pkr, Release Pkr, TOOH W/ Pkr, SWI 6:30PM CSDFN
18:30	19:00	CREW TRAVEL
Report Start Date	Report End Date	24hr Activity Summary
5/6/2014	5/6/2014	PU & RIH INJ PKR ASSY
Start Time	End Time	Comment
05:30	06:00	CREW TRAVEL
06:00	17:00	OWU, P/U & RIH W/ 2 3/8 XN Nipple, 2 3/8X 4' Tbg Sub, 2 7/8X2 3/8 XO, 5 1/2 Weatherford Arrow Set Pkr, On/Off Tool, S/N, & 146jts 2 7/8 J-55 Tbg, Pmp 10BW Pad, Drop S/Mve, Fill W/26BW, Psr Tst Tbg To 3000psi, Bled Off To 2950psi & Held 2950psi For One Hour(Good Tst), P/U 10' Tbg Sub, R/D Tbg Eqp, R/D Rig Flr, N/D BOPs, Brake Out W/H-D, Redope Csg W/ 404G Dope, Make Up W/H-D On Csg, N/U W/H-D W/injection Tree, Pmp 60BW W/Pkr Fluid In It, N/D W/H-D, Set Pkr In 17K# Tension, L/D 10' Tbg Sub, N/U W/H-D W/injection Tree, Psr Tst Csg To 1560psi, Psr Held 1560psi For One Hour, Wait On MIT Hand To Come & Psr Tst Csg For The State, R/U & Run MIT, Wash & Clean Rig, Could Not Rig Down Do To Wind Blowing To Hard, Wait On Wind
17:00	17:30	CSDFN, 5:00PM-5:30PM C/TvI
Report Start Date	Report End Date	24hr Activity Summary
5/7/2014	5/7/2014	RDMO
Start Time	End Time	Comment
05:30	06:00	CREW TRAVEL
06:00	12:30	Newfield Held Safety Summit Safety Meeting, Toolpusher & Crew Attended
12:30	13:00	Wait @ Rig To See if Wind Would Die Down, Wind Blowing To Hard To Rig Down Safely CSDFN
13:00	13:30	CREW TRAVEL
Report Start Date	Report End Date	24hr Activity Summary
5/8/2014	5/8/2014	PERFORM MIT
Start Time	End Time	Comment
00:00	02:30	On 05/07/2014 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 05/08/2014 the csg was pressured up to 1587 psig and charfed for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not a State representative available to witness the test.

NEWFIELD

Schematic

Well Name: Federal 16-18-9-16

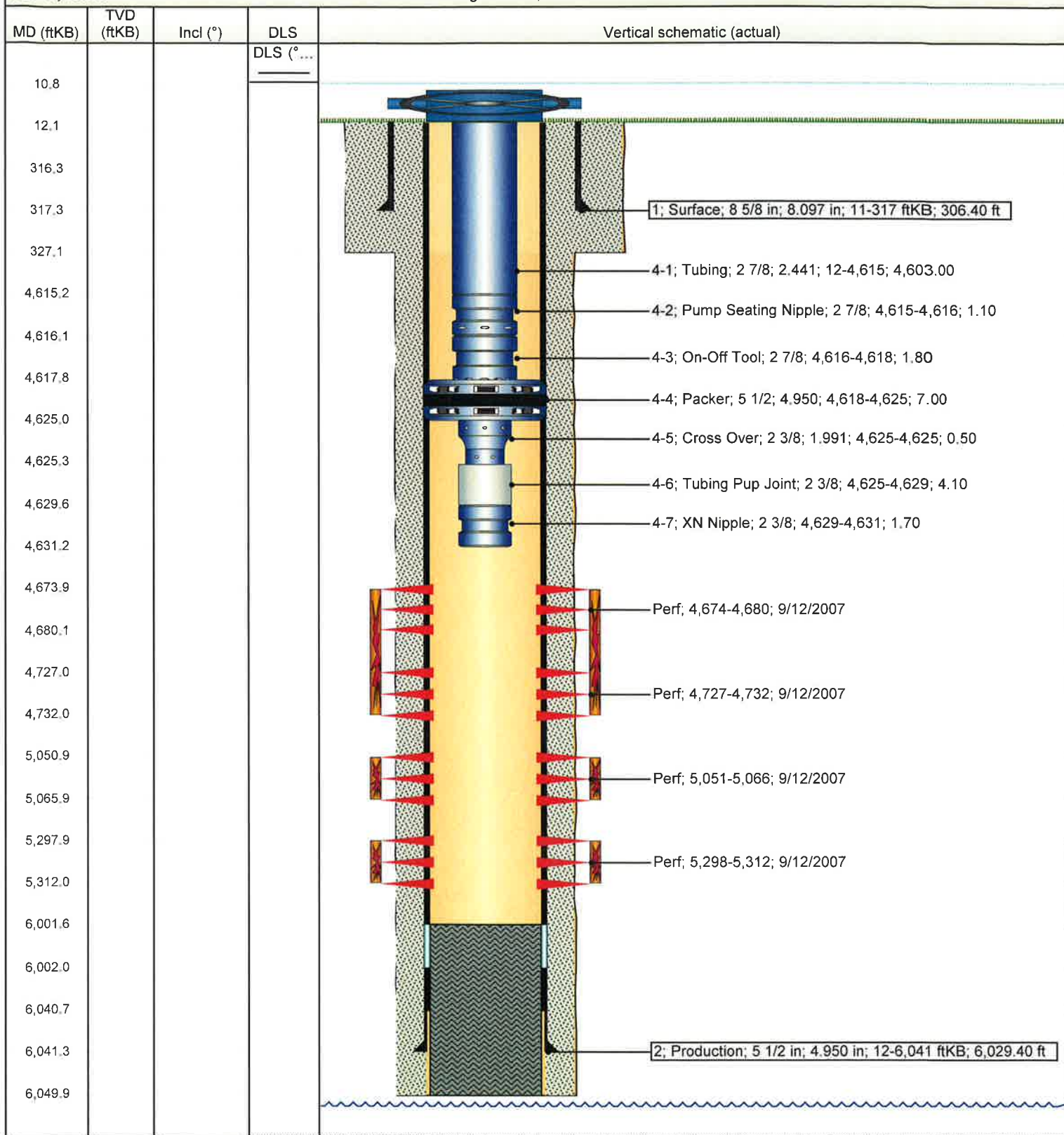
Surface Legal Location 964' FSL & 297' FEL (SE/SE) SECTION 18-T9S-R16E			API/UWI 43013329220000	Well RC 500159457	Lease	State/Province Utah	Field Name GMBU CTB3	County DUCHESNE
Spud Date 6/27/2007	Rig Release Date 8/27/2007	On Production Date 9/13/2007	Original KB Elevation (ft) 6,123	Ground Elevation (ft) 6,111	Total Depth All (TVD) (ftKB) Original Hole - 6,001.5		PBTD (All) (ftKB) Original Hole - 6,001.5	

Most Recent Job

Job Category Production / Workover	Primary Job Type Repairs	Secondary Job Type Tubing Repair	Job Start Date 5/5/2014	Job End Date 5/8/2014
---------------------------------------	-----------------------------	-------------------------------------	----------------------------	--------------------------

TD: 6,050.0

Vertical - Original Hole, 5/9/2014 9:01:29 AM



NEWFIELD**Newfield Wellbore Diagram Data
Federal 16-18-9-16**

Surface Legal Location 964' FSL & 297' FEL (SE/SE) SECTION 18-T9S-R16E			API/UWI 43013329220000		Lease	
County DUCHESNE		State/Province Utah		Basin Uintah		Field Name GMBU CTB3
Well Start Date 6/27/2007		Spud Date 6/27/2007		Final Rig Release Date 8/27/2007		On Production Date 9/13/2007
Original KB Elevation (ft) 6,123	Ground Elevation (ft) 6,111	Total Depth (ftKB) 6,050.0		Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB) Original Hole - 6,001.5

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	6/27/2007	8 5/8	8.097	24.00	J-55	317
Production	8/26/2007	5 1/2	4.950	15.50	J-55	6,041

Cement**String: Surface, 317ftKB 6/27/2007**

Cementing Company		Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 327.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description Class G w/ 2% CACL + 1/4 #/ sk Cello Flake		Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0

String: Production, 6,041ftKB 8/27/2007

Cementing Company		Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 6,050.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description Premilite II w/ 10% gel + 3 % KCL, 5#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake		Fluid Type Lead	Amount (sacks) 300	Class Premilite II	Estimated Top (ftKB) 12.0
Fluid Description 50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM		Fluid Type Tail	Amount (sacks) 400	Class 50:50	Estimated Top (ftKB) 4,500.0

Tubing Strings

Tubing Description Tubing					Run Date 5/5/2014	Set Depth (ftKB) 4,631.2		
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	146	2 7/8	2.441	6.50	J-55	4,603.00	12.0	4,615.0
Pump Seating Nipple		2 7/8				1.10	4,615.0	4,616.1
On-Off Tool		2 7/8				1.80	4,616.1	4,617.9
Packer		5 1/2	4.950			7.00	4,617.9	4,624.9
Cross Over		2 3/8	1.991			0.50	4,624.9	4,625.4
Tubing Pup Joint		2 3/8				4.10	4,625.4	4,629.5
XN Nipple		2 3/8				1.70	4,629.5	4,631.2

Rod Strings

Rod Description				Run Date		Set Depth (ftKB)		
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)	

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (*)	Nom Hole Dia (in)	Date
3	D1, Original Hole	4,674	4,680	4	120		9/12/2007
3	D2, Original Hole	4,727	4,732	4	120		9/12/2007
2	A1, Original Hole	5,051	5,066	4	120		9/12/2007
1	LODC, Original Hole	5,298	5,312	4	120		9/12/2007

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,376	0.88	24.7	2,476			
2	2,400	0.91	24.8	2,460			
3	1,974	0.85	24.8	1,974			

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant White Sand 49689 lb
2		Proppant White Sand 79844 lb
3		Proppant White Sand 31828 lb



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

July 29, 2014

Rosie Purnell
NEWFIELD PRODUCTION COMPANY
Rt 3 Box 3630
Myton, UT 84052

RE: Designation of Workover or Recompletion, Form 15.

Dear Rosie Purnell,

Enclosed is a copy of the referenced form received by the Division of Oil, Gas and Mining for the FEDERAL 16-18-9-16 well (43013329220000). Total expenses in the amount of \$ 27005.00 were submitted for the Production Enhancement work that commenced on February 5, 2014 and was completed on February 7, 2014.

The total submitted expenses fall within the statutory definition of workover or recompletion. ***Therefore, your request for designation of the expenses as qualifying workover recompletion expenses is being approved as submitted for the amount of \$ 27005.00.***

Please contact me at (801) 538-5281 if you require further information regarding this matter. Thank you.

Sincerely,

Dustin K Doucet
Petroleum Engineer

Enclosures

cc: Utah Tax Commission w/enclosure
Operator file

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING			FORM 15 AMENDED REPORT Original Filing Date: 5/5/2014
DESIGNATION OF WORKOVER OR RECOMPLETION			
1. Name of Operator NEWFIELD PRODUCTION COMPANY		2. Utah Account Number 82695.1	5. Well Name and Number FEDERAL 16-18-9-16
3. Address of Operator City State Zip 1001 17th Street, Suite 2000 Denver CO 80202		4. Phone Number 303 382-4443	6. API Number 4301332922
9. Location of Well Footage: 0964 FSL 0297 FEL County: DUCHESNE QQ, Sec, Twnp, Rnge: SESE 18 090S 160E State : UTAH			7. Field Name MONUMENT BUTTE
			8. Field Code Number 105
COMPLETE ALL SECTIONS. ATTACH ADDITIONAL SHEETS IF NEEDED.			
10. TYPE OF WORK (Check all that apply) <input type="checkbox"/> Production enhancement <input type="checkbox"/> Recompletion <input checked="" type="checkbox"/> Convert to injection <input type="checkbox"/> Repair well		11. WORK PERIOD Date work commenced: 2/5/2014 87 Days From Date work completed: 2/7/2014 Completion	
12. THE FOLLOWING EXPENSES ARE SUBMITTED FOR DESIGNATION AS WORKOVER OR RECOMPLETION EXPENSES:			
Description Of Work		Expenses	Approved By State
a. Location preparation and cleanup		48.00	48.00
b. Move-in, rig-up, and rig-down (including trucking)		0.00	0.00
c. Rig charges (including fuel)		14186.00	14186.00
d. Drill pipe or other working string		0.00	0.00
e. Water and chemicals for circulating fluid (including water hauling)		9712.00	9712.00
f. Equipment purchase		0.00	0.00
g. Equipment rental		707.00	707.00
h. Cementing		0.00	0.00
i. Perforating		0.00	0.00
j. Acidizing		0.00	0.00
k. Fracture stimulation		0.00	0.00
l. Logging services		0.00	0.00
m. Supervision and overhead		2352.00	2352.00
n. Other (itemize)		0.00	0.00
0		0.00	0.00
0		0.00	0.00
o. Total submitted expenses		27005.00	
p. Total approved expenses (State use only)			27005.00
13. LIST CONTRACTORS PROVIDING SERVICES VALUED AT MORE THAN \$3,000.			
Contractor	Location (City, State)	Services Provided	
Nabors Well Service LTD	Dallas TX	Completion Rig	
14. LIST WORKING INTEREST OWNERS WHO TAKE PRODUCT IN KIND AND ARE AUTHORIZED TO SHARE IN THE TAX CREDIT.			
Name	Address	Utah Account No.	Percent of Interest
I hereby certify that this report is true and complete to the best of my knowledge.			
NAME (PLEASE PRINT) Rosie Purnell	TITLE Revenue Accountant II	PHONE 281 210-5460	
SIGNATURE Rosie Purnell	DATE May 5, 2014	E-MAIL rpurnell@newfield.com	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, recenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-64379
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 964 FSL 297 FEL		8. WELL NAME and NUMBER: FEDERAL 16-18-9-16
OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE, 18, T9S, R16E		9. API NUMBER: 4301332922
		10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: -
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 02/07/2014			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 02/07/2014. On 02/06/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/07/2014 the casing was pressured up to 1711 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 150 psig during the test. There was not a State representative available to witness the test.

NAME (PLEASE PRINT) <u>Lucy Chavez-Naupoto</u>	TITLE <u>Water Services Technician</u>
SIGNATURE _____	DATE <u>02/19/2014</u>

Daily Activity Report

Format For Sundry

FEDERAL 16-18-9-16**12/1/2013 To 4/28/2014****2/5/2014 Day: 1****Conversion**

Nabors #1108 on 2/5/2014 - SPOT RIG, RU RIG. POOH WITH 120 RODS LAYING DOWN ON TRAILER. RODS GOT DIRTY, NOT ENOUGH TIME TO FLUSH AND MAKE ANY 1730USE OF THE HEAT. SWIFN, CLEAN LOCATION, SDFN. - UNHANG RODS AND HORSES HEAD, UNSEAT PUMP. - FLUSH TBG WITH 40 BBLS WATER @ 250 F. - POOH WITH 120 RODS LAYING DOWN ON TRAILER. RODS GOT DIRTY, NOT ENOUGH TIME TO FLUSH AND MAKE ANY 1730USE OF THE HEAT. SWIFN, CLEAN LOCATION, SDFN. - SOFT SEAT AND TEST, PT TBG TO 3000 PSI, GOOD TEST. - FLUSH TBG WITH 40 BBLS WATER @ 250 F. - UNHANG RODS AND HORSES HEAD, UNSEAT PUMP. - TRAVEL TIME - POOH WITH 120 RODS LAYING DOWN ON TRAILER. RODS GOT DIRTY, NOT ENOUGH TIME TO FLUSH AND MAKE ANY 1730USE OF THE HEAT. SWIFN, CLEAN LOCATION, SDFN. - SOFT SEAT AND TEST, PT TBG TO 3000 PSI, GOOD TEST. - FLUSH TBG WITH 40 BBLS WATER @ 250 F. - UNHANG RODS AND HORSES HEAD, UNSEAT PUMP. - SPOT RIG, RU RIG - SPOT RIG, RU RIG - SPOT RIG, RU RIG - TRAVEL TIME - POOH WITH 120 RODS LAYING DOWN ON TRAILER. RODS GOT DIRTY, NOT ENOUGH TIME TO FLUSH AND MAKE ANY 1730USE OF THE HEAT. SWIFN, CLEAN LOCATION, SDFN. - SOFT SEAT AND TEST, PT TBG TO 3000 PSI, GOOD TEST. - TRAVEL TIME **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$14,716**2/6/2014 Day: 2****Conversion**

Nabors #1108 on 2/6/2014 - POOH WITH TBG BREAKING EVERY CONNECTION, CLEANING THREADS AND INSPECTING FOR DAMAGE OR GAULDING, APPLY LIQUID O RING AND RETORQUE TO SPEC. - POOH WITH TBG BREAKING EVERY CONNECTION, CLEANING THREADS AND INSPECTING FOR DAMAGE OR GAULDING, APPLY LIQUID O RING AND RETORQUE TO SPEC. TALLY OUT. HAD TO FLUSH TBG 3 TIMES ON WAY OUT, 30 BBLS FLUSH EVERY TIME. TBG WAS EXCEPTIONALLY DIRTY ON WAY OUT. HAD A HARD TIME GETTING COLLARS TO BREAK RIGHT AS WELL. - SWIFN, CLEAN LOCATION, SDFN. - ND WH, RELEASE TAC, NU BOP, RU WORK FLOOR. - FINISH POOH WITH RODS AND LAY DOWN ON ROD TRAILER - WAIT FOR HOT OILER TO FINISH PUMPING FLUSH ON RODS. - TRAVEL TIME - TRAVEL TIME - SWIFN, CLEAN LOCATION, SDFN. - POOH WITH TBG BREAKING EVERY CONNECTION, CLEANING THREADS AND INSPECTING FOR DAMAGE OR GAULDING, APPLY LIQUID O RING AND RETORQUE TO SPEC. TALLY OUT. HAD TO FLUSH TBG 3 TIMES ON WAY OUT, 30 BBLS FLUSH EVERY TIME. TBG WAS EXCEPTIONALLY DIRTY ON WAY OUT. HAD A HARD TIME GETTING COLLARS TO BREAK RIGHT AS WELL. - ND WH, RELEASE TAC, NU BOP, RU WORK FLOOR. - FINISH POOH WITH RODS AND LAY DOWN ON ROD TRAILER - WAIT FOR HOT OILER TO FINISH PUMPING FLUSH ON RODS. - TRAVEL TIME - TRAVEL TIME - SWIFN, CLEAN LOCATION, SDFN. - POOH WITH TBG BREAKING EVERY CONNECTION, CLEANING THREADS AND INSPECTING FOR DAMAGE OR GAULDING, APPLY LIQUID O RING AND RETORQUE TO SPEC. TALLY OUT. HAD TO FLUSH TBG 3 TIMES ON WAY OUT, 30 BBLS FLUSH EVERY TIME. TBG WAS EXCEPTIONALLY DIRTY ON WAY OUT. HAD A HARD TIME GETTING COLLARS TO BREAK RIGHT AS WELL. - ND WH, RELEASE TAC, NU BOP, RU WORK FLOOR. - FINISH POOH WITH RODS AND LAY DOWN ON ROD TRAILER - WAIT FOR HOT OILER TO FINISH PUMPING FLUSH ON RODS. - TRAVEL TIME - TRAVEL TIME

Daily Cost: \$0**Cumulative Cost:** \$23,089

Summary Rig Activity

2/7/2014 Day: 3**Conversion**

Nabors #1108 on 2/7/2014 - ND WH, SET PACKER AND PACK OFF. LAND TBG IN 16K TENSION, NU WH. - TRAVEL TIME - WAIT FOR HOT OILER TO FINISH FLUSHING TBG. - POOH WITH 1 JNT AND HAD WAX ON OUTSIDE OF TBG. RU HOT OILER TO CSG AND FLUSH CSG WITH 30 BBLS. - POOH WITH 33 JNTS TBG LAYING DOWN ON TBG TRAILER. - PU/MU PACKER ASSY AND TIH WITH TBG, TBG DETAIL AS FOLLOWS: 2 3/8 XN NIPPLE, 2 3/8 X 4' TBG SUB, 2 3/8 X 2 7/8 XO, PACKER 2 7/8 X 5 1/2, ON/ OFF TOOL, 2 7/8 PSN, 146 JNTS 2 7/8 TBG. - PUMP 10 BBLS PAD AND DROP S.V. PUMP TO PSN, PRESSURE UP TBG TO 3000 PSI, HOLD 30 MIN TEST AND ON 3RD BUMP UP GOT A GOOD TEST. - RU SANDLINE AND FISHING TOOLS, RIH WITH SANDLINE TO CATCH S.V. POOH WITH SANDLINE AND RD TOOLS. - RD WORK FLOOR, ND BOP, LAND TBG, NU WH. - PUMP 50 BBLS PACKER FLUID DOWN CSG. - ND WH, SET PACKER AND PACK OFF. LAND TBG IN 16K TENSION, NU WH. - LOAD CSG WITH 15 BBLS FRESH WATER AND PRESSURE UP TO 1400 PSI, START PRESSURE TEST. HAD TO BUMP UP AND RETEST. FINALLY GOT A GOOD 30 MIN CSG TEST. - SWIFN, CLEAN LOCATION, SDFN. - TRAVEL TIME - TRAVEL TIME - WAIT FOR HOT OILER TO FINISH FLUSHING TBG. - POOH WITH 1 JNT AND HAD WAX ON OUTSIDE OF TBG. RU HOT OILER TO CSG AND FLUSH CSG WITH 30 BBLS. - POOH WITH 33 JNTS TBG LAYING DOWN ON TBG TRAILER. - PU/MU PACKER ASSY AND TIH WITH TBG, TBG DETAIL AS FOLLOWS: 2 3/8 XN NIPPLE, 2 3/8 X 4' TBG SUB, 2 3/8 X 2 7/8 XO, PACKER 2 7/8 X 5 1/2, ON/ OFF TOOL, 2 7/8 PSN, 146 JNTS 2 7/8 TBG. - PUMP 10 BBLS PAD AND DROP S.V. PUMP TO PSN, PRESSURE UP TBG TO 3000 PSI, HOLD 30 MIN TEST AND ON 3RD BUMP UP GOT A GOOD TEST. - RU SANDLINE AND FISHING TOOLS, RIH WITH SANDLINE TO CATCH S.V. POOH WITH SANDLINE AND RD TOOLS. - RD WORK FLOOR, ND BOP, LAND TBG, NU WH. - PUMP 50 BBLS PACKER FLUID DOWN CSG. - ND WH, SET PACKER AND PACK OFF. LAND TBG IN 16K TENSION, NU WH. - LOAD CSG WITH 15 BBLS FRESH WATER AND PRESSURE UP TO 1400 PSI, START PRESSURE TEST. HAD TO BUMP UP AND RETEST. FINALLY GOT A GOOD 30 MIN CSG TEST. - SWIFN, CLEAN LOCATION, SDFN. - TRAVEL TIME - TRAVEL TIME - WAIT FOR HOT OILER TO FINISH FLUSHING TBG. - POOH WITH 1 JNT AND HAD WAX ON OUTSIDE OF TBG. RU HOT OILER TO CSG AND FLUSH CSG WITH 30 BBLS. - POOH WITH 33 JNTS TBG LAYING DOWN ON TBG TRAILER. - PU/MU PACKER ASSY AND TIH WITH TBG, TBG DETAIL AS FOLLOWS: 2 3/8 XN NIPPLE, 2 3/8 X 4' TBG SUB, 2 3/8 X 2 7/8 XO, PACKER 2 7/8 X 5 1/2, ON/ OFF TOOL, 2 7/8 PSN, 146 JNTS 2 7/8 TBG. - PUMP 10 BBLS PAD AND DROP S.V. PUMP TO PSN, PRESSURE UP TBG TO 3000 PSI, HOLD 30 MIN TEST AND ON 3RD BUMP UP GOT A GOOD TEST. - RU SANDLINE AND FISHING TOOLS, RIH WITH SANDLINE TO CATCH S.V. POOH WITH SANDLINE AND RD TOOLS. - RD WORK FLOOR, ND BOP, LAND TBG, NU WH. - PUMP 50 BBLS PACKER FLUID DOWN CSG. - ND WH, SET PACKER AND PACK OFF. LAND TBG IN 16K TENSION, NU WH. - LOAD CSG WITH 15 BBLS FRESH WATER AND PRESSURE UP TO 1400 PSI, START PRESSURE TEST. HAD TO BUMP UP AND RETEST. FINALLY GOT A GOOD 30 MIN CSG TEST. - SWIFN, CLEAN LOCATION, SDFN. - TRAVEL TIME **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$31,041**2/11/2014 Day: 4****Conversion**

Rigless on 2/11/2014 - Conduct initial MIT - On 02/06/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/07/2014 the casing was pressured up to 1711 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 150 psig during the test. There was not a State representative available to witness the test. - On 02/06/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/07/2014 the casing was pressured up to 1711 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 150 psig during the test. There was not a State representative available to witness the test. - On 02/06/2014 Chris Jensen with the State of Utah DOGM was contacted concerning

Summary Rig Activity

the initial MIT on the above listed well. On 02/07/2014 the casing was pressured up to 1711 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 150 psig during the test. There was not a State representative available to witness the test. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$63,253

Pertinent Files: [Go to File List](#)

CREDITS FOR INJECTION CONVERSION / RECOMPLETION

FEDERAL 16-18-9-16

Date Commenced 2/5/2014

API Number 43-013-32922

CONVERSION

Date Completed 2/7/2014

Location	Rig Charges	Water and Chemicals	Equipment Purchase	Equipment Rental	Perforating	Acidizing	Fracture Stimulation	Logging Services	Supervision and Overhead	Other	SUPER
		2,628							-		administrative overhead
		4,849									transportation and hauling
											hot oil
											acidizing & fracing
		607									equipment rentals
		1,628									complt n fluids/water/chemical
											water disposal
											wireline/logging/perforating
	14,186										completion rig
											rig mob & demob
48									2,352		location prep, rmdtn & mntnc
				707							labor, supervision
											downhole equipment rental
48	14,186	9,712	-	707	-	-	-	-	2,352	-	

TOTAL

27,005

Source (Multiple Items) FEDERAL 16-18-9-16

Sum of Line Amount				
Account	Account_Na	Service_Date	Party_Name	Total
885107	Chemical	2/5/2014	MULTI-CHEM GROUP LLC	285.94
		2/5/2014 Total		285.94
	Chemical Treatment-Subsurface Total			285.94
	885107 Total			285.94
885120	Fluid Disp	2/13/2014	FABRIZIO TRANSPORT INC	210
		2/13/2014 Total		210
	Fluid Disposal Total			210
	885120 Total			210
885128	Hot Oiling	2/4/2014	HIGH DESERT TRUCKING INC	1091.8
		2/4/2014 Total		1091.8
		2/5/2014	HIGH DESERT TRUCKING INC	1966
		2/5/2014 Total		1966
		2/6/2014	HIGH DESERT TRUCKING INC	1791.6
		2/6/2014 Total		1791.6
	Hot Oiling Services Total			4849.4
	885128 Total			4849.4
885138	Automatic	2/19/2014	WINN-MARION BARBER LLC	3698.14
		2/19/2014 Total		3698.14
		2/26/2014	ROCKY MOUNTAIN AUTOMATION LLC	186.5
		WINN-MARION BARBER LLC		9024.06
		2/26/2014 Total		9210.56
		2/27/2014	CIMATION LLC	331.54
		2/27/2014 Total		331.54
		2/28/2014	PARAGON AUTOMATION INC	3126.53
		2/28/2014 Total		3126.53
		3/4/2014	RYAN ROSS SERVICES INC	228
	3/4/2014 Total		228	
	Automation Total			16594.77
885138 Total			16594.77	
885140	Labor - Co	3/31/2014	(blank)	313.88
		3/31/2014 Total		313.88
	Labor - Company Employees Total			313.88
	885140 Total			313.88
885141	Labor - Co	2/4/2014	JESSEN ELECTRIC INC	138.08
		2/4/2014 Total		138.08
		2/20/2014	US OILFIELD SERVICES LLC	1900
	2/20/2014 Total		1900	
	Labor - Contract Employees Total			2038.08
885141 Total			2038.08	
885144	Location R	2/10/2014	RASMUSSEN ROCK	47.72
		2/10/2014 Total		47.72
	Location Remediation & Maintenance Total			47.72
885144 Total			47.72	
885146	Miscellan	2/4/2014	BENCO OIL SERVICES INC	368
		2/4/2014 Total		368
		2/7/2014	ZUBIATE MACHINE WORKS LLC	339.04
		2/7/2014 Total		339.04
	Miscellaneous Services Total			707.04
885146 Total			707.04	
885150	Rig Costs	2/4/2014	NABORS COMPLETION & PRODUCTION SERVICES	14186
		2/4/2014 Total		14186
	Rig Costs - Dayrate Total			14186
	885150 Total			14186
885162	Transport	2/4/2014	IOWA TANKLINES INC	299

Source (Multiple Items) FEDERAL 16-18-9-16

Sum of Line Amount					
Account	Account_Na	Service_Date	Party_Name	Total	
885162	Transport	2/4/2014	ZUBIATE HOT OIL	625.5	
		2/4/2014 Total		924.5	
		2/7/2014	RUNNERS INC	1028.06	
		RUSTIN MAIR TRUCKING INC		150	
	2/7/2014 Total		1178.06		
Transportation - Land Total				2102.56	
885162 Total				2102.56	
885604	Packers &	2/4/2014	JOHN CRANE PRODUCTION SOLUTIONS INC	311.36	
		WEATHERFORD		7255.64	
	2/4/2014 Total		7567		
	Packers & Liner Hangers Total				7567
885604 Total				7567	
885613	Pipe - Tub	2/7/2014	(blank)	-756	
		2/7/2014 Total		-756	
	Pipe - Tubing Total			-756	
	885613 Total				-756
885614	Rods	2/7/2014	(blank)	-645	
		2/7/2014 Total		-645	
	Rods Total			-645	
	885614 Total				-645
885617	Wellhead	12/9/2013	VETCO GRAY INC	2998.89	
		12/9/2013 Total		2998.89	
		2/19/2014	US OILFIELD SERVICES LLC	1925	
		2/19/2014 Total		1925	
		2/20/2014	PARAGON OILFIELD PRODUCTS	103.82	
		2/20/2014 Total		103.82	
		2/23/2014	PARAGON OILFIELD PRODUCTS	5581.95	
		2/23/2014 Total		5581.95	
	Wellhead Total			10609.66	
885617 Total				10609.66	
890107	Chemical	12/18/2013	DRILLING FLUIDS TECHNOLOGY IN	160.74	
		12/18/2013 Total		160.74	
		1/27/2014	DRILLING FLUIDS TECHNOLOGY IN	160.74	
		1/27/2014 Total		160.74	
	Chemical Treatment - Subsurface Total			321.48	
890107 Total				321.48	
890120	Fluid Disp	12/18/2013	NEWFIELD DRILLING SERVICES INC	262.5	
		12/18/2013 Total		262.5	
		12/31/2013	NEWFIELD DRILLING SERVICES INC	210	
		12/31/2013 Total		210	
		1/12/2014	NEWFIELD DRILLING SERVICES INC	105	
		1/12/2014 Total		105	
		1/26/2014	NEWFIELD DRILLING SERVICES INC	157.5	
		1/26/2014 Total		157.5	
		3/25/2014	NEWFIELD DRILLING SERVICES INC	682.5	
	3/25/2014 Total		682.5		
Fluid Disposal Total			1417.5		
890120 Total				1417.5	
890162	Transport	2/6/2014	DT TRUCKING LLC	525	
		2/6/2014 Total		525	
	Transportation - Land Total			525	
890162 Total				525	
890322	Insulation	1/15/2014	BULLDOG INSULATION CORP	3798.14	
		1/15/2014 Total		3798.14	

Source	(Multiple Items)	FEDERAL 16-18-9-16
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Sum of Line_Amount				
Account	Account_No	Service_Date	Party_Name	Total
890322	Insulation Total			3798.14
890322 Total				3798.14
(blank)	(blank)	(blank)	(blank)	0
		(blank) Total		0
	(blank) Total			0
(blank) Total				0
Grand Total				64173.17

Well Costs

Code	Description	Comments	Daily	Cumulative
890120	Fluid Disposal	Fluid Disposal	\$600.00	\$600.00
890128	Hot Oiling Services	Hot Oiler	\$1,900.00	\$6,750.00
890138	Instrumentation	Instrumentation	\$8,400.00	\$8,400.00
890139	Labor - Company Supervision	NFX Supervision	\$600.00	\$1,500.00
890140	Labor - Company Employees	NFX Labor	\$160.00	\$160.00
890141	Labor - Contract Employees	Contract Labor	\$11,774.00	\$11,774.00
890144	Location Remediation & Maintenance		\$0.00	\$500.00
890146	Miscellaneous Services		\$0.00	\$300.00
890150	Rig costs - Dayrate		\$0.00	\$14,186.00
890162	Transportation - Land	Transportation	\$1,300.00	\$2,300.00
890302	Blow Out Preventors		\$0.00	\$1,050.00
890304	Completion Fluids		\$0.00	\$1,200.00
Total Intangibles:			\$24,734.00	\$48,720.00

890604	Packers & Liner Hangers		\$0.00	\$6,700.00
890616	Tubing Accessories		\$0.00	\$355.00
890617	Wellhead	Wellhead	\$7,478.00	\$7,478.00
Total Tangibles:			\$7,478.00	\$14,533.00
Total Daily Costs:			\$32,212.00	\$63,253.00

Day 3

NEWFIELD		Final Daily Workover Report		Well Name:	FEDERAL 16-18-9-16
		LOE		AFE:	
Field:	GMBU CTB3	Rig Name:	Nabors #1108	Report Date:	2/7/2014
Location:	S18 T9S R16E	Supervisor:	Rusty Bird	Operation:	ND WH, SET PKR AND PACK OFF
County:	DUCHESNE	Phone:	435- 823-7388	Work Performed:	2/6/2014
State:	UT	Email:	rustybird@newfield.com	Day:	3
Reason for Workover:	Conversion			Daily Cost:	\$7,952
				Cum DWR:	\$31,041

Failures

Failure Date	Failure 1	Failure 2	Failure 3	Failure 4	Failure 5
3/3/2011	Mechanical Integrity	Tubing Failure	Hole in Tubing	Rod Cut Wear	

Summaries

24 Hr. Summary:	ND WH, SET PACKER AND PACK OFF, LAND TBG IN 16K TENSION, NU WH.				
24 Hr. Plan Forward:	CONTINUE				
Incidents	None	Newfield Pers:	1	Contract Pers:	5
				Conditions:	

Activity Summary

5:30 AM - 7:00 AM; 1.5 Hr(s); P: TRAVEL TIME
7:00 AM - 7:30 AM; 0.5 Hr(s); P: WAIT FOR HOT OILER TO FINISH FLUSHING TBG.
7:30 AM - 8:00 AM; 0.5 Hr(s); P: POOH WITH 1 JNT AND HAD WAX ON OUTSIDE OF TBG, RU HOT OILER TO CSG AND FLUSH CSG WITH 30 BBLS.
8:00 AM - 8:30 AM; 0.5 Hr(s); P: POOH WITH 33 JNTS TBG LAYING DOWN ON TBG TRAILER.
8:30 AM - 10:00 AM; 1.5 Hr(s); P: PU/MU PACKER ASSY AND TIH WITH TBG, TBG DETAIL AS FOLLOWS: 2 3/8 XN NIPPLE, 2 3/8 X 4' TBG SUB, 2 3/8 X 2 7/8 XO, PACKER 2 7/8 X 5 1/2, ON/OFF TOOL, 2 7/8 PSN, 146 JNTS 2 7/8 TBG.
10:00 AM - 12:00 PM; 2 Hr(s); P: PUMP 10 BBLS PAD AND DROP S.V. PUMP TO PSN, PRESSURE UP TBG TO 3000 PSI, HOLD 30 MIN TEST AND ON 3RD BUMP UP GOT A GOOD TEST.
12:00 PM - 1:00 PM; 1 Hr(s); P: RU SANDLINE AND FISHING TOOLS, RIH WITH SANDLINE TO CATCH S.V. POOH WITH SANDLINE AND RD TOOLS.
1:00 PM - 1:30 PM; 0.5 Hr(s); P: RD WORK FLOOR, ND BOP, LAND TBG, NU WH.
1:30 PM - 2:15 PM; 0.7 Hr(s); P: PUMP 50 BBLS PACKER FLUID DOWN CSG.
2:15 PM - 2:30 PM; 0.2 Hr(s); P: ND WH, SET PACKER AND PACK OFF, LAND TBG IN 16K TENSION, NU WH.
2:30 PM - 4:45 PM; 2.2 Hr(s); P: LOAD CSG WITH 15 BBLS FRESH WATER AND PRESSURE UP TO 1400 PSI, START PRESSURE TEST, HAD TO BUMP UP AND RETEST, FINALLY GOT A GOOD 30 MIN CSG TEST.
4:45 PM - 5:00 PM; 0.2 Hr(s); P: SWIFN, CLEAN LOCATION, SDFN.
5:00 PM - 6:30 PM; 1.5 Hr(s); P: TRAVEL TIME

Casing Data

Type	Size	Weight	Grade	Conn.	Top	Bottom	PBDT	Upd. PBDT	TOC	Burst	Collapse	ID	Drift	Capacity	Comments
Surface	8 5/8"	24	J-55	STC		303									
Production	5 1/2"	15.5	J-55	STL		5645	6002	6002.0	70'						Top of fill @ 5935'.

Tubing Data

Component	JTS	Size	Weight	Grade	Conn.	Length	Top	Bottom	Condition	Transferred From	Comments
KB						12.0	0.0	12'			
Tubing	146	2-7/8"	6.5	J-55	8 RND EUE	4603.0	12.0	4614.96'			
Seating Nipple		2-7/8"				1.1	4615.0	4616.06'			
On/Off Tool		2-7/8"				1.8	4616.1	4617.86'			
Packer		5 1/2"				7.0	4617.9	4624.81'			CE @ 4621.06
XO 2-7/8 x 2-3/8						0.5	4624.8	4625.31'			
Tubing Pup		2-3/8"				4.1	4625.3	4629.4'			
XN Nipple		2-3/8"				1.7	4629.4	4631.05'			

Pump Information

Stroke Length:	0	SPM:	0	Well on Prod Date:		Well on Pump Date:	
Pump Notes:							
Pump Unit Description:							
Motor Size:	0	Motor Description:					

Pump Type	Max ID	Bbl Lng	Ext Lng	Ext Lng 2	Plunger Size	Description
	0	0'	0'	0'	0	

psi, 64s, bbls, mcf	TP	CP	Choke	Oil Vol	Oil Rate	Water Vol	Water Rate	Gas Vol	Gas Rate
Daily Total									
Well Total									

Well Costs

Code	Description	Comments	Daily	Cumulative
890128	Hot Oiling Services	High Desert	\$1,792.00	\$4,850.00
890139	Labor - Company Supervision	NFX Supervision	\$300.00	\$900.00
890144	Location Remediation & Maintenance		\$0.00	\$500.00
890146	Miscellaneous Services		\$0.00	\$300.00
890150	Rig costs - Dayrate	#1108	\$5,510.00	\$14,186.00
890162	Transportation - Land		\$0.00	\$1,000.00
890302	Blow Out Preventors	BOP	\$350.00	\$1,050.00
890304	Completion Fluids		\$0.00	\$1,200.00
Total Intangibles:			\$7,952.00	\$23,986.00


890604	Packers & Liner Hangers		\$0.00	\$6,700.00
890616	Tubing Accessories		\$0.00	\$355.00
Total Tangibles:			\$0.00	\$7,055.00
Total Daily Costs:			\$7,952.00	\$31,041.00

Well Costs

Code	Description	Comments	Daily	Cumulative
890128	Hot Oiling Services	High Desert	\$1,966.00	\$3,058.00
890139	Labor - Company Supervision	NFX Supervision	\$300.00	\$600.00
890144	Location Remediation & Maintenance		\$0.00	\$500.00
890146	Miscellaneous Services		\$0.00	\$300.00
890150	Rig costs - Dayrate	#1108	\$5,757.00	\$8,676.00
890162	Transportation - Land		\$0.00	\$1,000.00
890302	Blow Out Preventors	BOP	\$350.00	\$700.00
890304	Completion Fluids		\$0.00	\$1,200.00
Total Intangibles:			\$8,373.00	\$16,034.00
890604	Packers & Liner Hangers		\$0.00	\$6,700.00
890616	Tubing Accessories		\$0.00	\$355.00
Total Tangibles:			\$0.00	\$7,055.00
Total Daily Costs:			\$8,373.00	\$23,089.00

Well Costs

Code	Description	Comments	Daily	Cumulative
890128	Hot Oiling Services	High Desert	\$1,092.00	\$1,092.00
890139	Labor - Company Supervision	NFX Supervision	\$300.00	\$300.00
890144	Location Remediation & Maintenance	MWS (100) Benco (400)	\$500.00	\$500.00
890146	Miscellaneous Services	Liquid O-Ring	\$300.00	\$300.00
890150	Rig costs - Dayrate	#1108	\$2,919.00	\$2,919.00
890162	Transportation - Land	Runners	\$1,000.00	\$1,000.00
890302	Blow Out Preventors	Weatherford	\$350.00	\$350.00
890304	Completion Fluids	NDSI (800) MultiChem (400)	\$1,200.00	\$1,200.00
Total Intangibles:			\$7,661.00	\$7,661.00
890604	Packers & Liner Hangers	Weatherford	\$6,700.00	\$6,700.00
890616	Tubing Accessories	SN (80) SV (275)	\$355.00	\$355.00
Total Tangibles:			\$7,055.00	\$7,055.00
Total Daily Costs:			\$14,716.00	\$14,716.00

NEWFIELD		Perforation Report				Well Name:		FEDERAL 16-18-9-16				
		LOE				Report Date:		2/11/2014				
Field:		GMBU CTB3		Rig Name:		Rigless		Operation:		Conversion MIT		
Location:		S18 T9S R16E		Supervisor:		Rusty Bird		Day:		4		
County:		DUCHESE		Phone:		435- 823-7388		Work Performed:		2/7/2014		
State:		UT		Email:		rustybird@newfield.com		AFE No.:				
								Daily Cost:		\$32,212		
Stage	Date	Bore Type	Formation	Zone	Top Depth (ft)	Bottom Depth (ft)	SPF	Shots	Phase (deg)	Gun Type	Charges	Comments
0	1/13/2008	Vertical	Green River	D1	4674	4680	4	24				
0	1/13/2008	Vertical	Green River	D2	4727	4732	4	20				
0	1/13/2008	Vertical	Green River	A1	5051	5066	4	60				
0	1/13/2008	Vertical	Green River	LODC	5298	5312	4	56				